

# Product Datasheet

## Recombinant Human IL-15R alpha hlgG-His Protein NBP2-61174-50ug

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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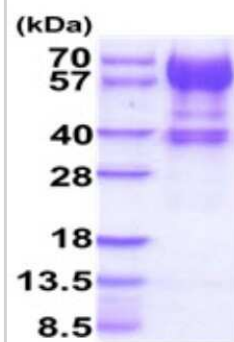


**NBP2-61174-50ug****Recombinant Human IL-15R alpha hlgG-His Protein**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 50 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>               | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | >90%, by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Buffer</b>                      | PBS (pH 7.4), 10% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target Molecular Weight</b>     | 45.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>                 | <p>A bioactive recombinant protein with a C-Terminal hlgG-His-tag and corresponding to the amino acids 31-205 of Human IL-15 R alpha</p> <p><b>Source:</b><i>Baculovirus</i></p> <p><b>Amino Acid Sequence:</b> ADPITCPPPM SVEHADIWVK SYSLYSRERY ICNSGFKRKA GTSSLTECVL NKATNVAHWT TPSLKCIRDP ALVHQRPAAP STVTAGVTP QPESLSPSGK EPAASSPSSN NTAATTAAIV PGSQLMPSKS PSTGTTEISS HESSHGTPSQ TTAKNWELTA SASHQPPGVY PQGHSDTTLE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTTP VLDSGGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHH</p> |
| <b>Gene ID</b>                     | 3601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>                 | IL15RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Details of Functionality</b>    | Human IL-15R alpha inhibits Human IL-15 induced cell proliferation in the CTLL2 mouse cytotoxic T cells. The ED50 range is less than or equal to 2 ng/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Endotoxin Note</b>              | < 1.0 EU per 1ug of protein (determined by LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>                | SDS-Page, Bioactivity, Cell Proliferation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Recommended Dilutions</b>       | SDS-Page, Bioactivity, Cell Proliferation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

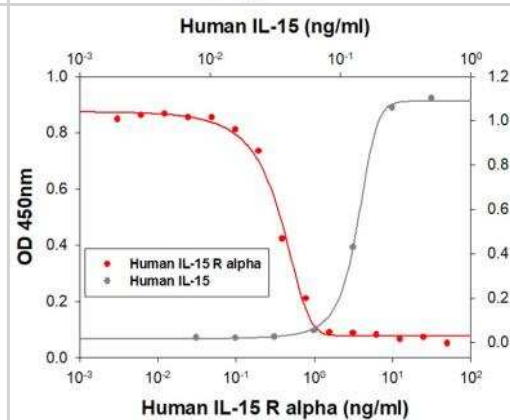
## Images

SDS-Page: Recombinant Human IL-15R alpha Protein [NBP2-61174] - 15 % SDS-PAGE (3ug)



15% SDS-PAGE (3ug)

Cell Proliferation: Recombinant Human IL-15R alpha Protein [NBP2-61174] - Human IL-15 R alpha inhibits Human IL-15 induced cell proliferation in the CTLL2 mouse cytotoxic T cells. The ED50 range is less or equal to 2 ng/ml.





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### **Limitations**

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