

Product Datasheet

Recombinant Rhesus Macaque IL-5 Protein NBP2-41387-1mg

Unit Size: 1mg

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Updated 1/25/2025 v.20.1

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NBP2-41387-1mg**Recombinant Rhesus Macaque IL-5 Protein**

| Product Information | |
|------------------------------------|---|
| Unit Size | 1mg |
| Concentration | Lyoph |
| Storage | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| Preservative | 5% Trehalose |
| Reconstitution Instructions | Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL. |
| Purity | > 98 % pure by SDS-PAGE and HPLC |
| Buffer | Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. |
| Target Molecular Weight | 26.1 kDa |

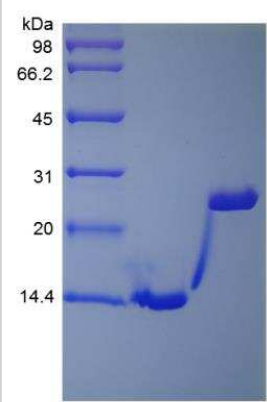
| Product Description | |
|---------------------------------|---|
| Description | <p>A disulfide-linked homodimer of two 115 amino acid polypeptide chains corresponding to IL-5 Source: <i>E. coli</i></p> <p>Uniprot ID: P48093</p> <p>Amino Acid Sequence: IPTEIPASAL VKETLALLST HRTLLIANET LRIPVPVHKN HQLCTEEIFQ GIGTLESQTV QGGTVERLFK NLSLIKKYIG GQKKKCGEER RRVNQFLDYL QEFLGVMNTE WIIES</p> |
| Gene ID | 3567 |
| Gene Symbol | IL5 |
| Species | Rhesus Macaque |
| Details of Functionality | IL-5 protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 4 ng/ml, corresponding to a specific activity of > 2.5 x 10 ⁵ IU/mg. |
| Endotoxin Note | Less than 0.1 EU/ug of IL-5 as determined by LAL method. |

| Product Application Details | |
|------------------------------------|-----------------------|
| Applications | SDS-Page, Bioactivity |
| Recommended Dilutions | SDS-Page, Bioactivity |

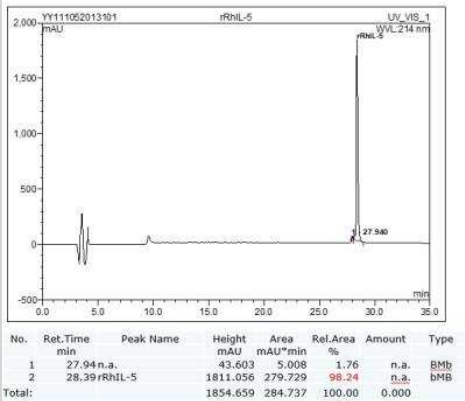


Images

SDS-Page: Primate IL-5 Protein [NBP2-41387]



HPLC: Recombinant Primate IL-5 Protein [NBP2-41387]





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Products Related to NBP2-41387-1mg

| | |
|----------------|--------------------------------|
| NBP2-35132-5ug | Recombinant Mouse IL-5 Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| M5000 | IL-5 [HRP] |
| M6000B-1 | IL-6 [HRP] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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