

# Product Datasheet

## Recombinant Rat IL-22 Protein NBP2-35247-2ug

Unit Size: 2ug

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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**NBP2-35247-2ug**

Recombinant Rat IL-22 Protein

**Product Information**

<b>Unit Size</b>	2ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	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.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Purity</b>	> 97 % pure by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
<b>Target Molecular Weight</b>	16.6 kDa

**Product Description**

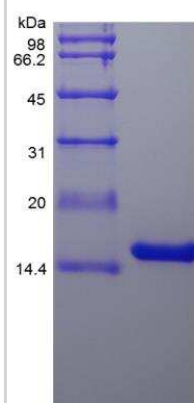
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 146 amino acids corresponding to IL-22 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> Q198B4</p> <p><b>Amino Acid Sequence:</b> LPINSQCKLE AANFQQPYIV NRTFMLAKEA SLADNNTDVR LIGEELFRGV KAKDQCYLEMK QVLNFTLEDV LLPQSDRFQP YMQEVVPFLT KLSIHLSPCH ISGDDQNIQK NVRQLKETVQ KLGESGEIKA IGELDLLFMS LRNACV</p>
<b>Gene ID</b>	50616
<b>Gene Symbol</b>	IL22
<b>Species</b>	Rat
<b>Details of Functionality</b>	IL22 Protein is fully biologically active when compared to standard. The ED50 as determined by inducing IL-10 secretion of human COLO 205 cells is less than 0.5 ng/ml, corresponding to a specific activity of > 2.0 x 10 <sup>6</sup> IU/mg.
<b>Endotoxin Note</b>	Less than 1 EU/ug of IL-22 as determined by LAL method.

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity

**Images**

SDS-Page: Rat IL-22 Protein [NBP2-35247]





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### **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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