

# Product Datasheet

## Recombinant Rat IL-17/IL-17A Protein NBP2-35222-5ug

Unit Size: 5ug

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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**NBP2-35222-5ug**

## Recombinant Rat IL-17/IL-17A Protein

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 5ug   |
| 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                | No Preservative   |
| Reconstitution Instructions | Recommended to centrifuge prior to opening. Reconstitute in 4 mM HCl to a concentration of 0.1-1.0mg/mL.  |
| Purity                      | >95%, by SDS-PAGE and HPLC  |
| Buffer                      | Lyophilized from a 0.2 um filtered concentrated solution in 2 x PBS, pH 6.5.  |
| Target Molecular Weight     | 30 kDa  |

| Product Description      |  |
|--------------------------|--|
| Description              | A disulfide-linked homodimer of two 133 amino acid polypeptide chains corresponding to IL-17/IL-17A <b>Source:</b> <i>E. coli</i><br><br><b>Uniprot ID:</b> Q61453<br><br><b>Amino Acid Sequence:</b> AVLIPQSSVC PNAEANNFLQ NVKVNLIKVIN SLSSKASSRR PSDYLNIRSTS PWTLSRNEDP DRYPSVIWEA QCRHQRCVNA EGKLDHMHNS VLIQQEILVL KREPEKCPFT FRVEKMLVGV GCTCVSSIVR HAS |
| Gene ID                  | 3605   |
| Gene Symbol              | IL17A  |
| Species                  | Rat  |
| Details of Functionality | IL17A Protein is fully biologically active when compared to standard. The ED50 as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 1.0 ng/ml, corresponding to a specific activity of > 1.0 x 10 <sup>6</sup> IU/mg.   |
| Endotoxin Note           | Less than 0.1 EU/ug of IL-17/IL-17A as determined by LAL method.   |

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



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### **Products Related to NBP2-35222-5ug**

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|                |  |
|----------------|--|
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| 210-TA-005     | TNF-alpha [Unconjugated]               |
| DY421-05       | IL-17/IL-17A [Biotin]                  |
| M6000B-1       | IL-6 [HRP]                             |

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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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