

# Product Datasheet

## Recombinant Mouse IL-6 Protein NBP2-35134-10ug

Unit Size: 10 ug

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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**NBP2-35134-10ug**

Recombinant Mouse IL-6 Protein

Product Information	
Unit Size	10 ug
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 0.1mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution in 30 mM Acetic Acid, pH 3.0, 150 mM NaCl, 0.02 % Tween-20.
Target Molecular Weight	21.7 kDa

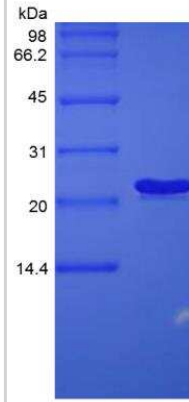
Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 188 amino acids corresponding to IL-6 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> <i>P08505</i></p> <p><b>Amino Acid Sequence:</b> <i>MFPTSQVRRG DFTEDTTPNR PVYTTSQVGG LITHVLWEIV EMRKELCNGN SDCMNNDDAL AENNLKLEI QRNDGCYQTG YNQEICLLKI SSSLLEYHSY LEYMKNLKD NKKDKARVLQ RDTETLIHIF NQEVKDLHKI VLPTPISNAL LTKLESQKE WLRTKTIQFI LKSLEEFLKV TLRSTRQT</i></p>
Gene ID	3569
Gene Symbol	IL6
Species	Mouse
Details of Functionality	IL-6 protein is fully biologically active when compared to standard. The ED50 as determined by the dose-dependent stimulation of the proliferation of IL-6-dependent murine 7TD1 cells is less than 0.02 ng/ml, corresponding to a specific activity of > 5 x 10 <sup>7</sup> IU/mg
Endotoxin Note	Less than 1 EU/ug of IL-6 as determined by LAL method.

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



## Images

SDS-Page: Mouse IL-6 Protein [NBP2-35134]





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### **Products Related to NBP2-35134-10ug**

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NBP2-35254-100ug	Recombinant Rat IL-6 Protein
210-TA-005	TNF-alpha [Unconjugated]
D6050B	IL-6 [HRP]
DVE00	VEGF [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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