

# Product Datasheet

## Recombinant Mouse IL-36 gamma/IL-1F9 Protein NBP2-41388-1000ug

Unit Size: 1000 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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**NBP2-41388-1000ug****Recombinant Mouse IL-36 gamma/IL-1F9 Protein****Product Information**

<b>Unit Size</b>	1000 ug
<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>	5% Trehalose
<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 solution in 1 M MOPS, 10 mM NaAC, pH7.6, 2 mM EDTA, 0.02 % Tween-20.
<b>Target Molecular Weight</b>	17.3 kDa

**Product Description**

<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 152 amino acids corresponding to IL-36 gamma/IL-1F9 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> Q8R460</p> <p><b>Amino Acid Sequence:</b> GRETPDFGEV FDLDDQQVWIF RNQALVTVPR SHRVTPVSVT ILPCKYPESL EQDKGIAIYL GIQNPDKCLF CKEVNGHPTL LLKEEKILD L YHHPEPMKPF LFYHTRTGGT STFESVAFPG HYIASSKTGN PIFLTSKKGE YYNINFNLDI KS</p>
<b>Gene ID</b>	56300
<b>Gene Symbol</b>	IL36G
<b>Species</b>	Mouse
<b>Details of Functionality</b>	Fully biologically active when compared to standard. The ED50 as determined by inducing IL-6 secretion in murine NIH/3T3 cells is less than 10 ng/ml, corresponding to a specific activity of $> 1.0 \times 10^5$ IU/mg.
<b>Endotoxin Note</b>	Less than 0.1 EU/ug of IL-36 gamma/IL-1F9 as determined by LAL method.

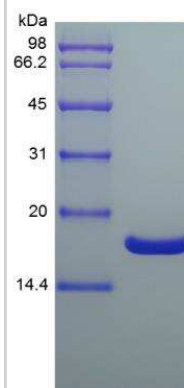
**Product Application Details**

<b>Applications</b>	Bioactivity
<b>Recommended Dilutions</b>	Bioactivity



## Images

SDS-Page: Mouse IL-36 gamma/IL-1F9 152 a.a Protein [NBP2-41388]





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### **Products Related to NBP2-41388-1000ug**

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NBP2-34892-10ug	Recombinant Human IL-36 gamma/IL-1F9 Protein
210-TA-005	TNF-alpha [Unconjugated]
6835-IL-010	IL-36 gamma/IL-1F9 [Unconjugated]
M6000B-1	IL-6 [HRP]

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### **Limitations**

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