

# Product Datasheet

## Recombinant Mouse Thrombopoietin/THPO Protein NBP2-35186-100ug

Unit Size: 100 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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**NBP2-35186-100ug****Recombinant Mouse Thrombopoietin/THPO Protein**

<b>Product Information</b>	
<b>Unit Size</b>	100 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>	>95%, by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4, with 5% Trehalose.
<b>Target Molecular Weight</b>	18.7 kDa

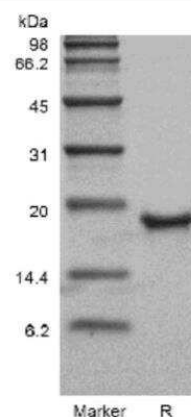
<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 174 amino acids corresponding to Thrombopoietin/THPO <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P40226</p> <p><b>Amino Acid Sequence:</b> SPVAPACDPR LLNKLLRDSH LLHSRLSQCP DVDPLSIPVL LPAVDFSLGE WKTQTEQSKA QDILGAVSLL LEGVMAARGQ LEPSCLSSLL GQLSGQVRLL LGALQGLLGT QLPLQGRTTA HKDPNALFLS LQQLLRGKVR FLLLVEGPTL CVRRTLPTTA VPSSTSQLLT LNKF</p>
<b>Gene ID</b>	7066
<b>Gene Symbol</b>	THPO
<b>Species</b>	Mouse
<b>Details of Functionality</b>	Thrombopoietin Protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human MO7e cells is less than 1.0 ng/ml, corresponding to a specific activity of > 1.0 x 10 <sup>6</sup> IU/mg.
<b>Endotoxin Note</b>	Less than 0.1 EU/ug of Thrombopoietin/THPO as determined by LAL method.

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



## Images

SDS-Page: Recombinant Mouse Thrombopoietin/THPO Protein [NBP2-35186]





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### **Products Related to NBP2-35186-100ug**

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M6000B-1	IL-6 [HRP]
288-TPN-025/CF	Thrombopoietin/THPO [Unconjugated]
7954-GM-010/CF	GM-CSF [Unconjugated]
203-IL-010	IL-3 [Unconjugated]

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