

Product Datasheet

Recombinant Mouse Thrombopoietin/THPO Animal-Free Protein

NBP2-76261-10ug

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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Updated 10/3/2023 v.20.1

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NBP2-76261-10ug**Recombinant Mouse Thrombopoietin/THPO Animal-Free 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	No Preservative
Reconstitution Instructions	Sterile water at 0.1 mg/mL. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
Target Molecular Weight	18.8 kDa

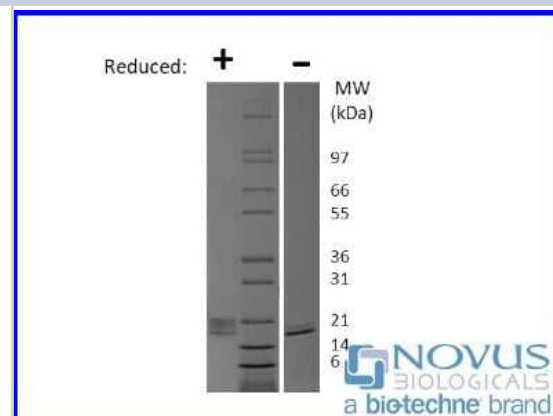
Product Description	
Description	For prolonged storage, dilute to working aliquots. Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.
Gene ID	7066
Gene Symbol	THPO
Species	Mouse
Specificity/Sensitivity	Thrombopoietin/THPO is a monomer, 18.8 kDa (175 aa)
Preparation Method	Protein is derived from genetically modified E. coli.
Details of Functionality	MO7e cell proliferation, >2.0 x 10 ⁵ units/mg (ED50 acceptance criteria are <5 ng/mL).
Endotoxin Note	Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity
Application Notes	Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.

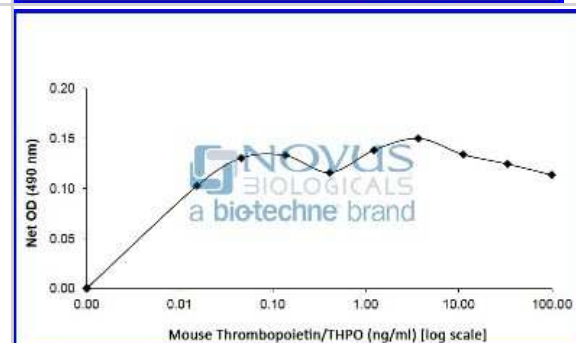


Images

SDS-Page: Recombinant Mouse Thrombopoietin/THPO Animal-Free Protein [NBP2-76261] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Mouse Thrombopoietin/THPO Animal-Free Protein [NBP2-76261] - Thrombopoietin/THPO induced proliferation of MO7e cells.





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Limitations

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