

Product Datasheet

Recombinant Human Leptin/OB Animal-Free Protein NBP2-76247-200ug

Unit Size: 200 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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NBP2-76247-200ug

Recombinant Human Leptin/OB Animal-Free Protein

Product Information

Unit Size	200 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
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Target Molecular Weight	16.2 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	3952
Gene Symbol	LEP
Species	Human
Specificity/Sensitivity	Leptin/OB is a monomer, 16.2 kDa (147 aa)
Preparation Method	Protein is derived from genetically modified E. coli.
Details of Functionality	Bioactive protein but no acceptance criteria limits established
Endotoxin Note	Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).

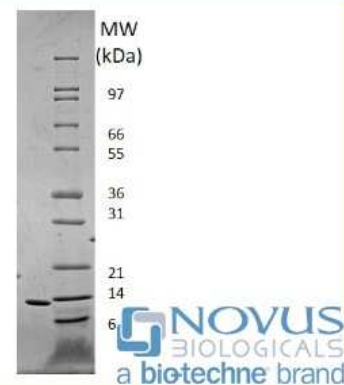
Product Application Details

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.

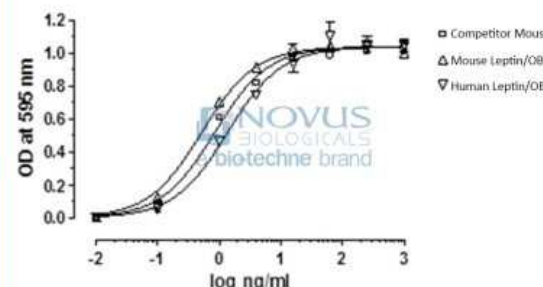


Images

SDS-Page: Recombinant Human Leptin/OB Animal-Free Protein [NBP2-76247] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Human Leptin/OB Animal-Free Protein [NBP2-76247] - Leptin/OB induced proliferation of Ba/F3 cells.



Publications

Dohnalova L, Lundgren P, Carty JRE, Goldstein N A microbiome-dependent gut-brain pathway regulates motivation for exercise Nature 2022-01-01 [PMID: 36517598] (In Vivo)



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