

Product Datasheet

Recombinant Human BMP-2 Animal-Free Protein NBP2-76250-10ug

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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NBP2-76250-10ug**Recombinant Human BMP-2 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
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	26.1 kDa

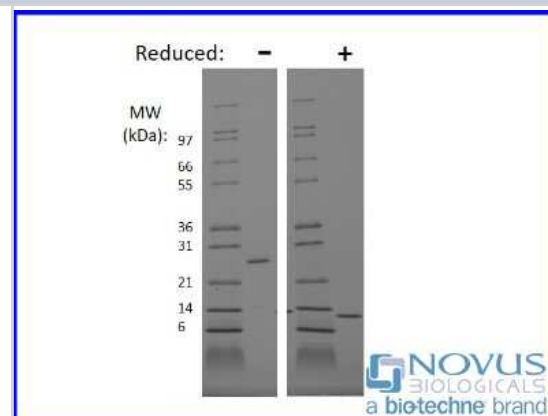
Product Description	
Description	For prolonged storage, dilute to working aliquots. Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.
Gene ID	650
Gene Symbol	BMP2
Species	Human
Specificity/Sensitivity	BMP-2 is a dimer, 13.0/26.1 kDa (115/230 aa)
Preparation Method	Protein is derived from genetically modified E. coli.
Details of Functionality	Alkaline phosphatase activity induced in ATDC-5 cells, >4 x 10 ³ units/mg (ED50 acceptance criteria are <250 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.

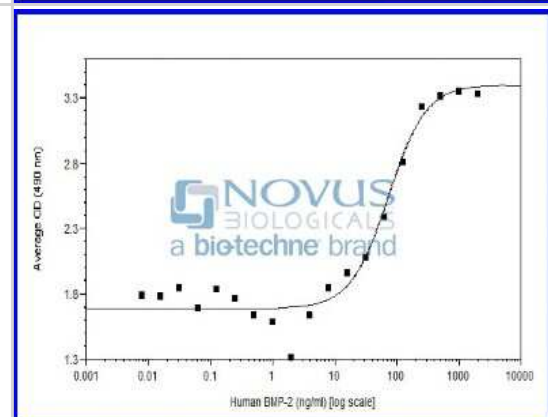


Images

SDS-Page: Recombinant Human BMP-2 Animal-Free Protein [NBP2-76250] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Human BMP-2 Animal-Free Protein [NBP2-76250] - BMP-2 induced alkaline phosphatase activity in ATDC5 cells.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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