

Product Datasheet

Recombinant Mouse GDF-7/BMP-12 Protein NBP2-61338-1mg

Unit Size: 1mg

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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NBP2-61338-1mg**Recombinant Mouse GDF-7/BMP-12 Protein**

Product Information	
Unit Size	1mg
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	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.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Target Molecular Weight	29.8 kDa

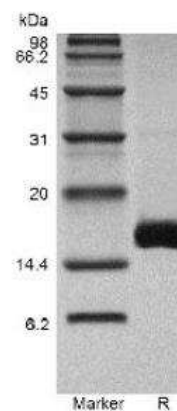
Product Description	
Description	<p>A homodimeric protein consisting of two 146 amino acid non-glycosylated polypeptide chains corresponding to GDF-7/BMP-12 Source: <i>E. coli</i></p> <p>Uniprot ID: <i>P43029</i></p> <p>Amino Acid Sequence: <i>TALAGTRGAQ GSGGGGGGGGG GGGGGGGGGG GGAGRGHGRR GRSRCSRKSL HVDFKELGWD DWIIAPLDYE AYHCEGVCDF PLRSHLEPTN HAIQTLNLS MAPDAAPASC CVPARLSPIS ILYIDAANNV VYKQYEDMVV EACGCR</i></p>
Gene ID	151449
Gene Symbol	GDF7
Species	Mouse
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine ATDC5 cells is less than 0.5 ug/ml, corresponding to a specific activity of > 2000 IU/mg.
Endotoxin Note	Less than 0.1 EU/ug of GDF-7/BMP-12 as determined by LAL method.

Product Application Details	
Applications	Western Blot, Bioactivity
Recommended Dilutions	Western Blot, Bioactivity



Images

SDS-Page: Recombinant Mouse GDF-7/BMP-12 Protein [NBP2-61338]





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Products Related to NBP2-61338-1mg

NBP2-61324-1mg	Recombinant Human GDF-7/BMP-12 Protein
314-BP-010	BMP-4 [Unconjugated]
8386-G7-050	GDF-7/BMP-12 [Unconjugated]
355-BM-010	BMP-2 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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