

Product Datasheet

Recombinant Human GDF-5/BMP-14 Protein NBP2-61378-1mg

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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NBP2-61378-1mg

Recombinant Human GDF-5/BMP-14 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	27.1 kDa

Product Description	
Description	A disulfide-linked homodimeric protein containing two 120 amino acid chains corresponding to GDF-5/BMP-14 Source: <i>E. coli</i> Uniprot ID: <i>P43026</i> Amino Acid Sequence: <i>APLATRQGKR PSKNLKARCS RKALHVNFKD MGWDDWIIAP LEYEAFHCEG LCEFPLRSHL EPTNHAVIQT LMNSMDPEST PPTCCVPTRL SPISILFIDS ANNVVYKQYE DMVVESCGCR</i>
Gene ID	8200
Gene Symbol	GDF5
Species	Human
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 1.0 ug/ml, corresponding to a specific activity of > 1000 IU/mg.
Endotoxin Note	Less than 0.1 EU/ug of GDF-5/BMP-14 as determined by LAL method.

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity





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Products Related to NBP2-61378-1mg

NBP2-61339-1mg	Recombinant Mouse GDF-5/BMP-14 Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
AF853	GDF-5/BMP-14 Antibody [Unconjugated]
314-BP-010	BMP-4 [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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