

Product Datasheet

Human BMP-5 Recombinant Protein NBP2-36505-2ug

Unit Size: 2 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-36505-2ug**Human BMP-5 Recombinant Protein**

Product Information	
Unit Size	2 ug
Concentration	Lyoph
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with 0.1 mg/ml in 4 mM HCl containing at least 0.1% human or BSA to desired concentration.
Target Molecular Weight	15.6 kDa

Product Description	
Description	<p>A biologically active protein corresponding to amino acids Ala317 - His454 of BMP5.</p> <p>Source: <i>CHO-derived cell line</i></p>
Gene ID	653
Gene Symbol	BMP5
Species	Human
Preparation Method	Lyophilized from a 0.2 um filtered solution in HCl with BSA as a carrier protein.
Details of Functionality	Measured by its ability to induce alkaline phosphatase production by ATDC5 mouse chondrogenic cells. The ED50 for this effect is typically 0.2 - 1.2 ug/mL.
Notes	This lyophilized preparation is stable at 2-8 degrees C, but should be kept at -20 degrees C for long term storage, preferably desiccated. Upon reconstitution, the preparation is most stable at -20 to -80 degrees C, and can be stored for one week at 2-8 degrees C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 degrees C to -80 degrees C. Avoid repeated freeze/thaw cycles.
Endotoxin Note	<0.01 EU per 1 ug of the protein by the LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity





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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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