

Product Datasheet

Recombinant Human BMP-2 Protein NBP2-26568

Unit Size: 10 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-26568

Recombinant Human BMP-2 Protein

Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	Store at -20C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterilized 20 mM Acetic acid to a final concentration of at least 0.1 mg/ml.
Purity	>95%, by HPLC.
Buffer	Lyophilized from a concentrated sterile solution containing 10mM sodium citrate pH 3.5.
Target Molecular Weight	26 kDa
Product Description	
Description	<p>Recombinant biologically active BMP2 protein.</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: MQAKHKQRKRLKSSCKRHPLYVDFSDVGWNDWIVAPPGYHAFYCHGECPFPL ADHLNSTNHAIVQTLVNSVNSKIPKACCVPTELSAISMLYLDENEKVVVLKNYQD MVVEGCGCR</p>
Gene ID	650
Gene Symbol	BMP2
Species	Human
Preparation Method	Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm using the absorbency value of 1.4 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a standard solution of BMP-2 as a Reference Standard.
Details of Functionality	BMP-2 is fully biologically active when compared to standard. The ED50 as determined by its ability to induce alkaline phosphatase production by ATDC-5 cells is 0.5-1.0 ug/ml.
Notes	After reconstitution, store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Endotoxin Note	Less than 0.1 ng/ug (IEU/ug) of Bone Morphogenetic protein-2 .
Product Application Details	
Applications	Bioactivity
Recommended Dilutions	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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