

Active GMP Recombinant Human BMP5 protein, Fc-tagged

Cat. No. BMP5-221HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human BMP5 protein(NP_066551.1)(376 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human BMP-5(NP_066551.1) was expressed with Fc tag at the C-terminal.
Bio-activity	This depends on its ability to induce ATDC-5 cells to produce alkaline phosphatase, and the expected ED50 effectiveness is 1.0-2.0ug/ml.
Molecular Mass	Recombinant Human BMP-5 contains 376 aa. It has a predicted MW of 42.6 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	BMP5 bone morphogenetic protein 5 [Homo sapiens]
Official Symbol	BMP5
Synonyms	BMP5; bone morphogenetic protein 5; BMP-5; MGC34244
Gene ID	653
mRNA Refseq	NM_021073
Protein Refseq	NP_066551
MIM	112265
UniProt ID	P22003

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA