

Recombinant Human BMP5 protein, hFc-tagged

Cat. No. BMP5-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP5 protein(Gln 324-His 454)(NP_066551.1) was expressed in HEK293 with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	324-454 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human Fc/BMP5 is a disulfide-linked homodimeric protein. The reduced monomer consists of 367 amino acids and has a predicted molecular mass of 41.5 kDa. As a result of glycosylation, the apparent molecular mass of rhFc/BMP5 monomer is approximately 50-55 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 95 % as determined by SDS-PAGE and SEC-HPLC Analysis.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

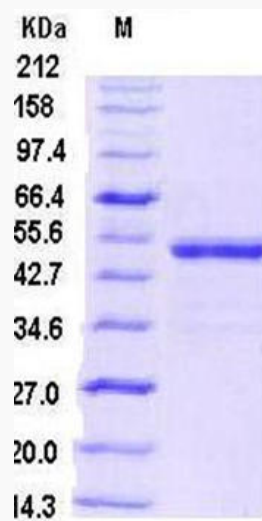
Gene Name	BMP5 bone morphogenetic protein 5 [Homo sapiens]
Official Symbol	BMP5
Synonyms	BMP5; bone morphogenetic protein 5; BMP-5; MGC34244;
Gene ID	653
mRNA Refseq	NM_021073
Protein Refseq	NP_066551
MIM	112265
UniProt ID	P22003

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SDS-PAGE



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