

## Recombinant Human BMP5 protein, hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	324-454 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1 EU/g as determined by LAL test.
<b>Purity</b>	> 95 % as determined by SDS-PAGE and SEC-HPLC Analysis.
<b>Storage</b>	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.
<b>Reconstitution</b>	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

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

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