

Recombinant Human BMP15 protein, His-tagged

Cat. No. BMP15-545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP15(Thr266~Ser388) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr266~Ser388
Predicted N Terminal	TRQAD GISA EVTASS SKHSGPENNQ CSLHPFQISF RQLGWDHWII APPFYTPNYC KGTCRLCLRD GLNSPNHAI QNLINQLVDQ SVPRPSCVPY KYVPISVLM I EANGSILYKE YEGMIAES
Form	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	Predicted Molecular Mass: 17.6kDa;Accurate Molecular Mass: 18kDa(Analysis of differences refer to the manual).
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	BMP15 bone morphogenetic protein 15 [Homo sapiens]
Official Symbol	BMP15
Synonyms	BMP15; bone morphogenetic protein 15; GDF9B; BMP-15; GDF-9B; growth/differentiation factor 9B; ODG2; POF4;
Gene ID	9210
mRNA Refseq	NM_005448
Protein Refseq	NP_005439
MIM	300247
UniProt ID	O95972
Chromosome	Xp11.2

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Location**Function**

cytokine activity; growth factor activity;

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