

Recombinant Human BMP1 protein, GST-tagged

Cat. No. BMP1-30198H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP1 (58-140 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu1-Gly140
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	LDEEDLRAFQVQQAVDLRRHTARKSSIKA AVPGNTSTPSCQSTNGQPQRGACGRW RGRSRSRRAATSRPERVWPDGVIPFVIG
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	BMP1 bone morphogenetic protein 1 [Homo sapiens]
Official Symbol	BMP1
Synonyms	BMP1; bone morphogenetic protein 1; PCOLC, procollagen C endopeptidase; procollagen C endopeptidase; procollagen C-proteinase; mammalian tolloid protein; procollagen C-endopeptidase; PCP; TLD; PCP2; PCOLC; FLJ44432;
Gene ID	649
mRNA Refseq	NM_001199
Protein Refseq	NP_001190
MIM	112264
UniProt ID	P13497

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