

Recombinant Human BMP7 protein, GST-tagged

Cat. No. BMP7-2601H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP7 protein(P18075)(293-431aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	293-431aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.7 kDa
AA Sequence	STGSKQRSQNRSKTPKNQEALRMANVAENSSSDQRQACKKHELYVSFRDLGWQD WIIAPEGYAAYYCEGECAPPLNSYMNATNHAIVQTLVHFINPETVPKPCCAPTQLNAI SVLYFDDSSNVILKKYRNMVVRACGCH
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	BMP7 bone morphogenetic protein 7 [Homo sapiens]
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Official Symbol	BMP7
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Synonyms	BMP7; bone morphogenetic protein 7; OP 1; osteogenic protein 1; BMP-7; OP-1;
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Gene ID	655
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mRNA Refseq	NM_001719
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Protein Refseq	NP_001710
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MIM	112267
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UniProt ID	P18075
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