

Recombinant Human BMP4 protein, His-SUMO-tagged

Cat. No. BMP4-2600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP4 protein(P12644)(293-408aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	293-408aa
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	29.1 kDa
AA Sequence	SPKHHSQRARKKNKNCRRHSLYVDFSDVGWNDWIVAPPGYQAFYCHGDCPFPLA DHLNSTNHAIVQTLVNSVNSSIPKACCVPTELSAISMLYLDEYDKVVLKKNYQEMVVEG CGCR
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 BMP4 bone morphogenetic protein 4 [Homo sapiens]

Official Symbol BMP4

Synonyms

BMP4; bone morphogenetic protein 4; BMP2B; BMP-4; BMP-2B; bone morphogenetic protein 2B; ZYME; OFC11; BMP2B1; MCOPS6;

Gene ID 652

mRNA Refseq NM_001202

Protein Refseq NP_001193

MIM 112262

UniProt ID P12644

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