

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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