

## Recombinant Human BMP2 protein, His-SUMO-tagged

Cat. No. BMP2-2596H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BMP2 protein(P12643)(283-396aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	283-396aa
<b>Form</b>	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.
<b>Molecular Mass</b>	28.9 kDa
<b>AA Sequence</b>	QAKHKQRKRLKSSCKRHPLYVDFSDVGWNDWIVAPPGYHAFYCHGECPPFLADHL NSTNHAIVQTLVNSVNSKIPKACCVPTELSAISMLYLDENEKVVVLKKNYQDMVVEGCG CR
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	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**

<b>Gene Name</b>	BMP2 bone morphogenetic protein 2 [ Homo sapiens ]
<b>Official Symbol</b>	BMP2
<b>Synonyms</b>	BMP2; bone morphogenetic protein 2; BMP2A; BMP-2A; bone morphogenetic protein 2A; BDA2;
<b>Gene ID</b>	650
<b>mRNA Refseq</b>	NM_001200
<b>Protein Refseq</b>	NP_001191
<b>MIM</b>	112261
<b>UniProt ID</b>	P12643

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