



## Human Bone Morphogenetic Protein 2 (BMP2), Recombinant

### Product Information

Code	00015-01-100
Name	Mature human BMP2
Lot No.	
Size	100 µg
Species	Human
Sequence	Gln283-Arg396
Protein ID	P12643
Gene ID	650
MW	15 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS-PAGE gel PBS
Formulation	lyophilized form without preservatives
Carry	Free
Storage	-20 °C ~ -70 °C
Reconstitution	PBS, 100 µl

### Description

A DNA sequence encoding the human BMP-2 (Gln<sup>283</sup>-Arg<sup>396</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100 µg of human BMP-2 in 100 µl of PBS. Carry free.

### Reconstitution & Storage

Add 100 µl PBS to the vial to prepare a working stock solution at 1000 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Mature Human BMP-2 (Gln<sup>283</sup>-Arg<sup>396</sup>)

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283QAKHKQRK RLKSSCKRHP LYVDFSDVGW NDWIVAPPGY  
HAFYCHGECF FPLADHLNST NHAIVQTLVN SVNSKIPKAC  
CVPTLSAIS MLYLDENEKV VLKNYQDMVV ECGCR396
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