

Recombinant Human BMP3 Protein (363-472 aa), His-Myc-tagged

Cat. No. BMP3-2545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP3 Protein (363-472 aa) is produced by Yeast expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Developmental Biology. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	363-472 aa
Description	Negatively regulates bone density. Antagonizes the ability of certain osteogenic BMPs to induce osteoprogenitor differentiation and ossification.
Form	Tris-based buffer,50% glycerol
Molecular Mass	16.4 kDa
AA Sequence	QWIEPRNCARRYLKVDFADIGWSEWIISPKSFDAYYCSGACQFPMPKSLKPSNHATI QSIVRAVGVVPGIPEPCCVPEKMSSLSILFFDENKNVVLKVYPNMTVESCACR
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [BMP3 bone morphogenetic protein 3 \[Homo sapiens \]](#)

Official Symbol [BMP3](#)

Synonyms BMP3; bone morphogenetic protein 3; osteogenin; BMP-3; bone morphogenetic protein-3; BMP-3A;

Gene ID [651](#)

mRNA Refseq [NM_001201](#)

Protein Refseq [NP_001192](#)

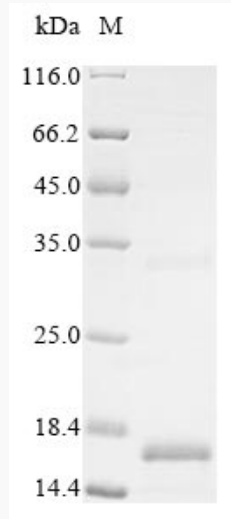
MIM [112263](#)

UniProt ID [P12645](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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