

Recombinant Mouse BMP3 Protein (359-468 aa), His-tagged

Cat. No. BMP3-2588M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse BMP3 Protein (359-468 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the C-terminal. Research Area: Developmental Biology. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	E.coli
ProteinLength	359-468 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	14.4 kDa
AA Sequence	QWVEPRNCARRYLKVDFAIGWSEWIISPKSFDAFYCSGACQFPMPKSLKPSNHAT IQSIVRAVGVVSGIPEPCCVPEKMSSLSILFFDENKNVVLKVYPNMTVDSCACR
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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

Gene Name	Bmp3 bone morphogenetic protein 3 [Mus musculus]
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Official Symbol	BMP3
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Synonyms	BMP3; bone morphogenetic protein 3;
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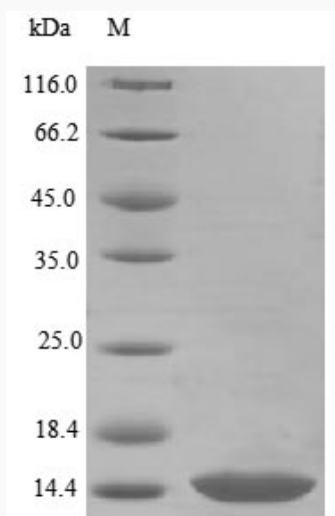
Gene ID	12158
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UniProt ID	Q8BHE5
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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