

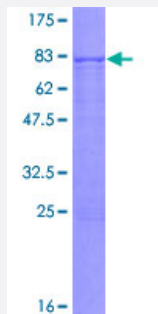
Full-Length

BMP3 (Human) Recombinant Protein (P01)

Catalog # H00000651-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BMP3 full-length ORF (AAI17515.1, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGASRLFLWLGCFCVSLAQGERPKPPFPELRKAVPGDRTAGGGPDSELQPQDKVSEHMLR
LYDRYSTVQAARTPGSLEGGSQPWRPRLREGNTVRSFRAAAAETLERKGLYFNLTSLTKSENIL
SATLYFCIGELGNISLSCPVSGGCSHHAQRKHIQIDLSAWTLKFSRNQSQLLGHLSVDMAKSHRDI
MSWLSKDITQFLRKAKENEEFLIGFNITSKGRQLPKRRLPFPEPYLVYANDAAISEPESVSSLQG
HRNFPTGTVPKWDSHIRAALSIERRKKRSTGVLLPLQNNELPGAHEYQYKKDEVWEERKPYKTLQA
QAPEKSKNKKKQQRKGPHRSQTLQFDEQTLKKARRKQWIEPRNCARRYLKVDFADIGWSEWIS
PKSFDAYYCSGACQFPMPSLPSNHATIQSIVRAVGVPGIPEPCCVPEKMSSLSILFFDENKN
VVLKVYPNMTVESACR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.8

Interspecies Antigen Sequence

Mouse (79); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BMP3

Entrez GeneID	651
GeneBank Accession#	BC117514.1
Protein Accession#	AAI17515.1
Gene Name	BMP3
Gene Alias	BMP-3A
Gene Description	bone morphogenetic protein 3
Omim ID	112263
Gene Ontology	Hyperlink
Gene Summary	BMP3 belongs to the transforming growth factor-beta (TGFB) superfamily. Bone morphogenic protein, also known as osteogenin, induces bone formation. [provided by RefSeq]
Other Designations	bone morphogenetic protein 3 (osteogenic) bone morphogenetic protein-3 osteogenin

Disease

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