

# Recombinant Full Length Human BMP3 Protein, GST-tagged

Cat. No. BMP3-1724HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BMP3 full-length ORF ( AAI17515.1, 1 a.a. - 472 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	472 amino acids
<b>Description</b>	BMP3 belongs to the transforming growth factor-beta (TGFB) superfamily. Bone morphogenic protein, also known as osteogenin, induces bone formation.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	79.8 kDa
<b>AA Sequence</b>	<p>MAGASRLLFLWLGCFCVSLAQGERPKPPFPELRKAVPGDRTAGGGPDSELQPQDK  VSEHMLRLRYDRYSTVQAARTPGSLEGGSQPWRPRLREGNTVRSFRAAAAETLER  KGLYIFNLTSITKSENILSATLYFCIGELGNISLSCPVSGGCSHHAQRKHIQIDLSAWTL  KFSRNQSQLLGHLSVDMAKSHRDIMSWLSKDITQFLRKAKENEEFLIGFNITSKGRQ  LPKRRLPFPEPYILVYANDAAISEPESVSSLQGHRNFPTGTVPKWDSHIRAALSIER  RKKRSTGVLLPLQNNELPGAQYQYKKDEVWEERKPYKTLQAQAPEKSKNKKKQRK  GPHRKSQTLQFDEQTLKKARRKQWIEPRNCARRYLKVDFADIGWSEWIISPKSFD  YYCSGACQFPMPKSLKPSNHATIQSIVRAVGVVPGIPEPCCVPEKMSSLSILFFDENK  NVVLKVYPNMTVESACR</p>

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

## GENE INFORMATION

<b>Gene Name</b>	BMP3 bone morphogenetic protein 3 [ Homo sapiens ]
<b>Official Symbol</b>	BMP3
<b>Synonyms</b>	BMP3; bone morphogenetic protein 3; bone morphogenetic protein 3 (osteogenic); osteogenin; BMP-3; bone morphogenetic protein-3; bone morphogenetic protein 3A; BMP-3A
<b>Gene ID</b>	651
<b>mRNA Refseq</b>	NM_001201
<b>Protein Refseq</b>	NP_001192
<b>MIM</b>	112263
<b>UniProt ID</b>	P12645

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