

Recombinant Human BMP3

Catalog No: #GP10222



Package Size: #GP10222-1 100ug

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Description

Product Name	Recombinant Human BMP3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 363-472 amino acids of human BMP3
Target Name	bone morphogenetic protein 3
Other Names	BMP-3A
Accession No.	Swissprot:P12645Gene Accession:BC096269
Uniprot	P12645
GeneID	651;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein suppresses osteoblast differentiation, and negatively regulates bone density, by modulating TGF-beta receptor availability to other ligands.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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