

Bone morphogenetic protein 6 (Bmp6) Recombinant Protein | Bmp6 recombinant protein

Recombinant Mouse Bone morphogenetic protein 6 (Bmp6)

CATALOG #
AAA113599

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Bone morphogenetic protein 6 (Bmp6); Recombinant Mouse Bone morphogenetic protein 6 (Bmp6); Bmp6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	372-510, Full length protein
Sequence	SASSRRRQQS RNRSTQSQDV SRGSGSSDYN GSELKTACKK HELYVSFQDL GWQDWIAPK GYAANYCDGE CSFPLNAHMN ATNHAIVQTL VHLMPNEYVP KPCCAPTKLN AISVLYFDDN SNVILKKYRN MVVRACGCH
Sequence Length	139
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Bmp6 recombinant protein

The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680798
NCBI GeneID	12161
NCBI Accession #	NP_031582.1
NCBI GenBank Nucleotide #	NM_007556.3
UniProt Accession #	P20722; B2RRV6
Molecular Weight	56,432 Da
NCBI Official Full Name	bone morphogenetic protein 6 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 6
NCBI Official Symbol	Bmp6
NCBI Official Synonym Symbols	Vgr1; D13Wsu115e
NCBI Protein Information	bone morphogenetic protein 6
UniProt Protein Name	Bone morphogenetic protein 6
UniProt Gene Name	Bmp6
UniProt Synonym Gene Names	Bmp-6; Vgr1; BMP-6; VGR-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/bmp6-recombinant-protein-e-coli/113599>