

Bone Morphogenetic Protein 7 (BMP7) Recombinant Protein | BMP7 recombinant protein

Recombinant Bone Morphogenetic Protein 7 (BMP7)

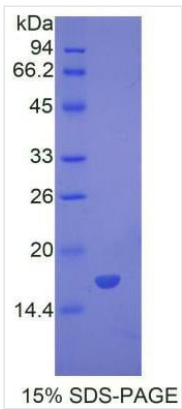
CATALOG # AAA134701	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

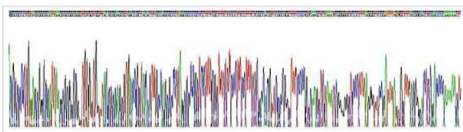
Bone Morphogenetic Protein 7 (BMP7); Recombinant Bone Morphogenetic Protein 7 (BMP7); BMP7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Sequence	STGGKQRSQN RSKTPKNQEA LRMAVAENS SSDQRQACKK HELYVSFRDL GWQDWIIAPE GYAAYYCEGE CAFPLNSYMN ATNHAIVQTL VHFINPDTVP KPCCAPTQLN AISVLYFDDDS SNVILKKYRN MVRACGCH
Applicable Applications for BMP7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser292~His430
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Original Concentration	200ug/mL
Predicted isoelectric point	8.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982487
NCBI GeneID	12162
NCBI Accession #	NP_031583.2
NCBI GenBank Nucleotide #	NM_007557.3
UniProt Accession #	P23359; Q91XF7
Molecular Weight	Predicted Molecular Mass: 16.9kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	bone morphogenetic protein 7 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 7
NCBI Official Symbol	Bmp7
NCBI Official Synonym Symbols	OP1
NCBI Protein Information	bone morphogenetic protein 7; osteogenic protein 1
UniProt Protein Name	Bone morphogenetic protein 7
UniProt Gene Name	Bmp7
UniProt Synonym Gene Names	Bmp-7; Op1; BMP-7; OP-1
UniProt Entry Name	BMP7_MOUSE

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.