

Bone Morphogenetic Protein 4 (BMP4) Recombinant Protein | BMP4 recombinant protein

Recombinant Bone Morphogenetic Protein 4 (BMP4)

CATALOG # AAA133962	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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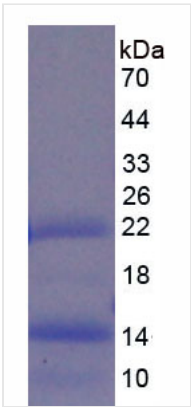
PRODUCT SYNONYMS

Bone Morphogenetic Protein 4 (BMP4); Recombinant Bone Morphogenetic Protein 4 (BMP4); BMP4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-RE KQPNYGLAIE VTHLHQTRTH QGQHVRSRS LPQSGDWAQ LRPLLVTFGH DGRGHALTRR RRAKRSPKHH PQRARKKNKN CRRHSLYVDF SDVGWNDWIV APPGYQAFYC HGDCPFPLAD HLNSTNHAIV QTLVNSVNSS IPKACCVPT ELSAISMLYLD EYDKVVLKNY QEMVVEGCGC
Sequence Length	409
Applicable Applications for BMP4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Sus scrofa; Porcine (Pig)
Expression System	Prokaryotic expression
Residues	Arg227~Cys408 (Accession # A7LJT9) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

REKQ PNYGLAIEVT HLHOTRTHQG
QHVRISRSLP QGSGDWAQLR PLLVTFGHDG RGHALTRRRR AKRSPKHHPQ
RARKKNKNCR RHSLYVDFSD VGMNDWIVAP PGYQAFYCHG DCPFPLADHL
NSTNHAIQVT LVNSVNSSIP KACCVPTELS AISMLYLDEY DKVVLKNYQE
MVVEGCGC

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	155369766
NCBI GeneID	100113425
NCBI Accession #	NP_001094501.1
NCBI GenBank Nucleotide #	NM_001101031.2
UniProt Accession #	A7LJT9
Molecular Weight	22.2kDa
NCBI Official Full Name	bone morphogenetic protein 4
NCBI Official Symbol	BMP4
NCBI Protein Information	bone morphogenetic protein 4
UniProt Protein Name	Bone morphogenetic protein 4
UniProt Gene Name	bmp4
UniProt Synonym Gene Names	LOC100520993
UniProt Entry Name	A7LJT9_PIG

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://stage.aaabiotech.com/bmp4-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133962>