

Bone Morphogenetic Protein 15 Recombinant Protein | BMP15 recombinant protein

Recombinant Bone Morphogenetic Protein 15 (BMP15)

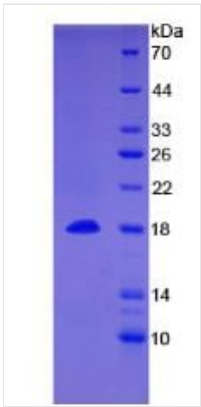
CATALOG # AAA144354	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Bone Morphogenetic Protein 15; Recombinant Bone Morphogenetic Protein 15 (BMP15); BMP15 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	7.2 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-T RQADGISA EV TASSSKHSGP ENNQCSLHPF QISFRQLGWD HWIAPPFYT PNYCKGTCLR VLRDGLNSPN HAIQNLINQ LVDQSVPRPS CVPYKYVPIS VLMIEANGSI LYKEYEGMIA ES
Sequence Length	392
Applicable Applications for BMP15 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	17.6kDa
Accurate Molecular Mass (KD)	17kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	Thr266-Ser388
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 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. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

TRQAD GISAETASS SKHSGPENNQ CSLHPFQISF
RQLGWDHWII APPFYTPNYC KGTCRLRLRD GLNSPNHAI QNLINQLVDQ
SVPRPSCVPY KYVPISVLMI EANGSILYKE YEGMIAES

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	257743454
NCBI GeneID	9210
NCBI Accession #	NP_005439.2
NCBI GenBank Nucleotide #	NM_005448.2
Molecular Weight	45,055 Da
NCBI Official Full Name	bone morphogenetic protein 15
NCBI Official Synonym Full Names	bone morphogenetic protein 15
NCBI Official Symbol	BMP15
NCBI Official Synonym Symbols	ODG2; POF4; GDF9B
NCBI Protein Information	bone morphogenetic protein 15
UniProt Protein Name	Bone morphogenetic protein 15
UniProt Gene Name	BMP15
UniProt Synonym Gene Names	GDF9B; BMP-15; GDF-9B
UniProt Entry Name	BMP15_HUMAN

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.