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Datasheet for ABIN7505078

BMP7 Protein (AA 293-431) (His tag)

Overview

Quantity:	100 µg
Target:	BMP7
Protein Characteristics:	AA 293-431
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMP7 protein is labelled with His tag.

Product Details

Sequence:	Ser 293-His 431
Characteristics:	A DNA sequence encoding the Human BMP-7 protein (P18075) (Ser293-His431) was expressed with a N-His .
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	BMP7
Alternative Name:	BMP-7 (BMP7 Products)
Background:	Background: BMP-7 (Bone morphogenetic protein 7), also known as osteogenic protein 1 (OP-1), is a bone morphogenetic protein which belongs to the TGF-β superfamily. OP-1 is expressed in the brain, kidneys and bladder. BMP-7 may be involved in bone homeostasis. Osteog Synonym: Bone morphogenetic protein 7, BMP-7, Osteogenic protein 1, OP-1, Eptotermin alfa

Target Details

Molecular Weight:	15.18 kDa
UniProt:	P18075
Pathways:	Steroid Hormone Mediated Signaling Pathway , Stem Cell Maintenance

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months