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Datasheet for ABIN7505111

BMP2 Protein (AA 283-396) (His tag)

Overview

Quantity:	100 µg
Target:	BMP2
Protein Characteristics:	AA 283-396
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMP2 protein is labelled with His tag.

Product Details

Sequence:	Gln 283-Arg 396
Characteristics:	A DNA sequence encoding the Human BMP2 protein (P12643) (Gln 283-Arg 396) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	BMP2
Alternative Name:	BMP2 (BMP2 Products)
Background:	Background: BMP-2 protein, like other bone morphogenetic proteins, plays an important role in the development of bone and cartilage. BMP-2 protein is involved in the hedgehog pathway, TGF beta signaling pathway, and cytokine-cytokine receptor interaction. BMP-2 and B Synonym: BDA2,BDA2A,BMP-2,BMP2A,BMP2

Target Details

Molecular Weight:	12.43 kDa
UniProt:	P12643
Pathways:	Regulation of Hormone Metabolic Process , Regulation of Hormone Biosynthetic Process , Regulation of Muscle Cell Differentiation , Growth Factor Binding , Positive Regulation of fat Cell Differentiation

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