

Recombinant Pig BMP4 protein, His-tagged

Cat. No. BMP4-570P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig BMP4 (A7LJT9) aa. (Arg227~Cys408) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Arg227~Cys408
Form	Freeze-dried powder
Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

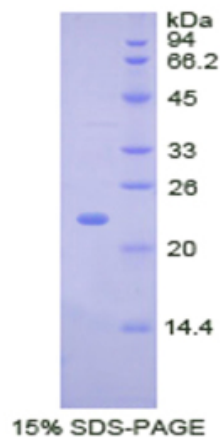
Gene Name	BMP4 bone morphogenetic protein 4 [<i>Sus scrofa</i> (pig)]
Official Symbol	BMP4
Synonyms	BMP4; bone morphogenetic protein 4
Gene ID	100113425
mRNA Refseq	NM_001101031.2
Protein Refseq	NP_001094501.1
UniProt ID	A7LJT9

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SDS-PAGE



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