

Recombinant Pig BMP2 protein, His-tagged

Cat. No. BMP2-563P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig BMP2 (E1AXT2) aa. (Leu117~Gly267) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Leu117~Gly267
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.3.
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

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than 5% within the expiration date under appropriate storage condition.

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

BMP2 bone morphogenetic protein 2 [*Sus scrofa* (pig)]

Official Symbol

BMP2

Synonyms

BMP2; bone morphogenetic protein 2;

Gene ID

100157103

mRNA Refseq

NM_001195399.1

Protein Refseq

NP_001182328.1

UniProt ID

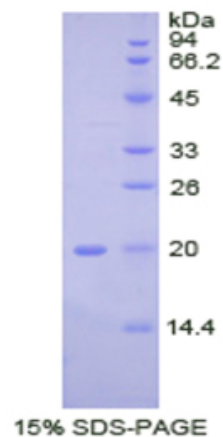
E1AXT2

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SDS-PAGE



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