

Recombinant Dog BMP2 protein, His-tagged

Cat. No. BMP2-558D Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Dog BMP2 (J9P401) aa. (Ser50~Gln218) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Ser50~Gln218
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.6.
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

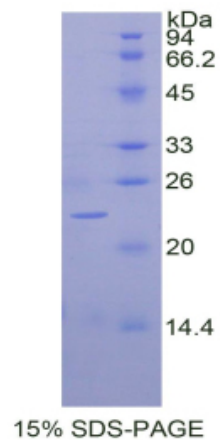
GENE INFORMATION

Gene Name	BMP2 bone morphogenetic protein 2 [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	BMP2
Synonyms	BMP2; bone morphogenetic protein 2
Gene ID	477162
mRNA Refseq	XM_534351.5
Protein Refseq	XP_534351.2
UniProt ID	J9P401

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SDS-PAGE

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