Recombinant Dog BMP2 protein, His-tagged

Cat. No. BMP2-559D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog BMP2 (J9P401) aa. (Gly219~Ser350) fused with N-terminal His tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Gly219~Ser350
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.7kDa
Endotoxin	<1.0EU per 1μg (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.

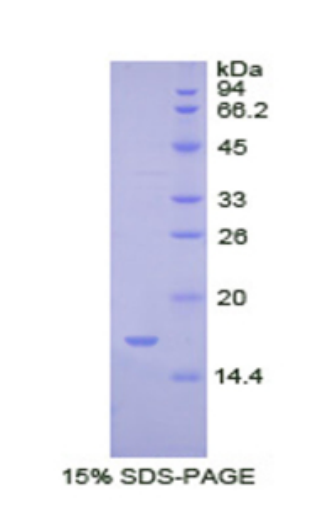
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH2O.

GENE INFORMATION

Gene Name	BMP2 bone morphogenetic protein 2 [Canis lupus familiaris (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	 15% SDS-PAGE

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