Recombinant Cattle BMP2 protein, His-tagged

Cat. No. BMP2-567C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle BMP2 (A5PJI9) aa. (Ser219~Lys392) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Ser219~Lys392
Form	Freeze-dried powder
Molecular Mass	16&18&24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.7.
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

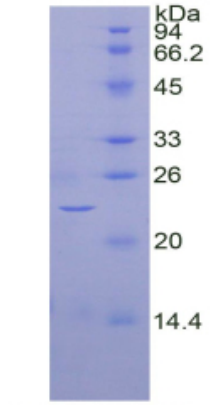
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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 [Bos taurus (cattle)]
Official Symbol	BMP2
Synonyms	BMP2; bone morphogenetic protein 2
Gene ID	615037
mRNA Refseq	NM_001099141.1
Protein Refseq	NP_001092611.1
UniProt ID	A5PJI9

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SDS-PAGE	 15% SDS-PAGE

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