Recombinant Cattle S100A9 protein, His & T7-tagged

Cat. No. S100A9-1805C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle S100A9 aa. (Ile12~Ala89 (Accession # P28783)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Ile12~Ala89
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

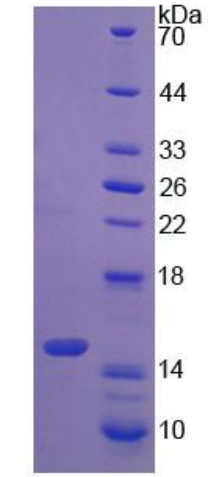
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less 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	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	S100A9 S100 calcium binding protein A9 [Bos taurus (cattle)]
Official Symbol	S100A9
Synonyms	NAGLU; N-acetyl-alpha-glucosaminidase; NAG; CMT2V; MPS3B; UFHSD; MPS-IIIB; alpha-N-acetylglucosaminidase; N-acetylglucosaminidase, alpha; testicular tissue protein Li 18
Gene ID	532569
mRNA Refseq	NM_001046328.2
Protein Refseq	NP_001039793.1
UniProt ID	P28783

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SDS-PAGE

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