

Recombinant Cattle S100A8 protein, His & S-tagged

Cat. No. S100A8-1801C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle S100A8 aa. (Met1~Glu89 (Accession # P28782)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Met1~Glu89
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
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

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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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

S100A8 S100 calcium binding protein A8 [Bos taurus (cattle)]

Official Symbol

S100A8

Synonyms

Fez2; fasciculation and elongation protein zeta 2; Zrp; fasciculation and elongation protein zeta-2; synaptotagmin interacting protein zyginII; zygin II; zygin-2; zygin-related protein types I/II

Gene ID

616818

mRNA Refseq

NM_001113725.2

Protein Refseq

NP_001107197.1

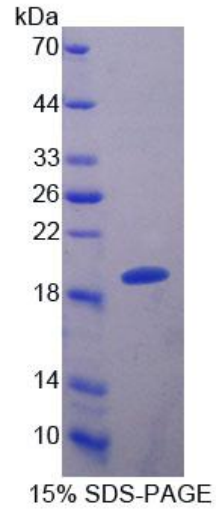
UniProt ID

P28782

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SDS-PAGE

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