

Recombinant Cattle S100A1 protein, His & GST-tagged

Cat. No. S100A1-554C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle S100A1 (P02639) aa. (Met1~Ser94) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Met1~Ser94
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.9kDa
Endotoxin	<1.0EU per 1g (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. 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

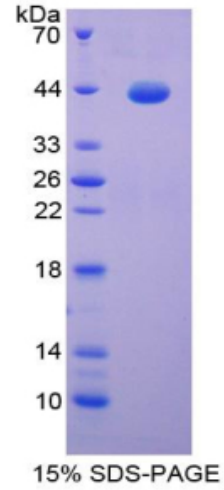
Gene Name	S100A1 S100 calcium binding protein A1 [Bos taurus (cattle)]
Official Symbol	S100A1
Synonyms	S100A1; S100 calcium binding protein A1; protein S100-A1
Gene ID	528735
mRNA Refseq	NM_001099042.2
Protein Refseq	NP_001092512.1
UniProt ID	P02639

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SDS-PAGE



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