

Recombinant Cattle S100A12 protein, His-tagged

Cat. No. S100A12-1478C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle S100A12 aa. (Thr2~Glu92) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Thr2~Glu92
Form	Freeze-dried powder
Molecular Mass	14kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>98%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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

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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.
Concentration	200g/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

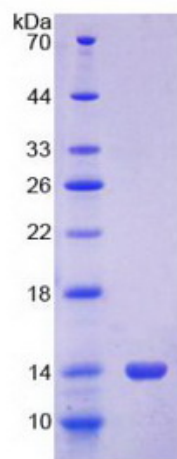
Gene Name	S100A12 S100 calcium binding protein A12 [Bos taurus (cattle)]
Official Symbol	S100A12
Synonyms	CAGC; CAAF1; CO-AG; EN-RAGE; RAGE-binding protein; calcium-binding protein in amniotic fluid 1; calgranulin-C; cornea-associated antigen; extracellular newly identified RAGE-binding protein; protein S100-A12
Gene ID	282467
mRNA Refseq	NM_174651.3
Protein Refseq	NP_777076.1
UniProt ID	P79105

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SDS-PAGE



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