

Recombinant Rat S100a11 protein, His-tagged

Cat. No. S100a11-2582R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat S100a11 aa. (Ile9~Ile98 (Accession # Q6B345)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile9~Ile98
Form	Freeze-dried powder
Molecular Mass	12 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
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	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

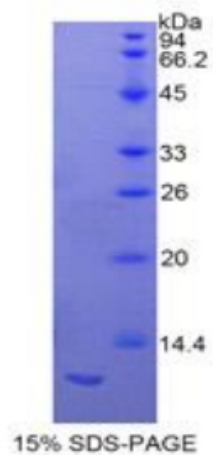
Gene Name	S100a11 S100 calcium binding protein A11 [Rattus norvegicus (Norway rat)]
Official Symbol	S100a11
Synonyms	S100a11; S100 calcium binding protein A11; protein S100-A11; S100 calcium binding protein A11 (calizzarin); calgizzarin
Gene ID	445415
mRNA Refseq	NM_001004095.1
Protein Refseq	NP_001004095.1
UniProt ID	Q6B345

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SDS-PAGE



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