

Recombinant Rat S100a6 protein, His-tagged

Cat. No. S100a6-1774R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat S100a6 aa. (Met1~Lys89 (Accession # P05964)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys89
Description	Calcium-binding protein involved in transepithelial ion transport.
Form	Freeze-dried powder
Molecular Mass	11kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.
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

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the 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 liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

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

GENE INFORMATION

Gene Name

S100a6 S100 calcium binding protein A6 [Rattus norvegicus (Norway rat)]

Official Symbol

S100a6

Synonyms

Ldlrap1; low density lipoprotein receptor adaptor protein 1; Arh; ARH2; Arh1; FHCB1; FHCB2; AA691260; low density lipoprotein receptor adapter protein 1; LDL receptor adaptor protein; autosomal recessive hypercholesterolemia protein homolog

Gene ID

85247

mRNA Refseq

NM_053485.2

Protein Refseq

NP_445937.1

UniProt ID

P05964

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