

## Recombinant Rat S100a3 protein, His & S-tagged

Cat. No. S100a3-2114R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat S100a3 aa. (Met1~Gln101 (Accession # P62819)) fused with N-terminal His & S tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Gln101
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	17 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.2.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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 liquid form in Phosphate buffered saline(PBS), pH 7.4.

**Reconstitution**

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

## GENE INFORMATION

**Gene Name**

S100a3 S100 calcium binding protein A3 [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

S100a3

**Synonyms**

KRT6C; keratin 6C; K6E; KRT6E; PPKNEFD; keratin, type II cytoskeletal 6C; CK-6C; CK-6E; K6C; cytokeratin-6C; cytokeratin-6E; keratin 6C, type II; keratin 6E; keratin K6h; type-II keratin Kb12

**Gene ID**

114216

**mRNA Refseq**

NM\_053681.1

**Protein Refseq**

NP\_446133.1

**UniProt ID**

P62819

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