

Recombinant Rat Sdc4 protein, His-tagged

Cat. No. Sdc4-1994R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sdc4 aa. (Gly23~Glu149 (Accession # P34901)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly23~Glu149
Form	Freeze-dried powder
Molecular Mass	15 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 4.2.
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 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 lyophilized form in PBS, pH7.4.

Reconstitution

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

GENE INFORMATION

Gene Name

[Sdc4 syndecan 4 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Sdc4](#)

Synonyms

PTPN7; protein tyrosine phosphatase, non-receptor type 7; LPTP; HEPTP; PTPNI; BPTP-4; LC-PTP; tyrosine-protein phosphatase non-receptor type 7; dual specificity phosphatase 1; hematopoietic protein-tyrosine phosphatase; protein-tyrosine phosphatase LC-PTP; protein-tyrosine phosphatase, nonreceptor-type, stress induced

Gene ID

[24771](#)

mRNA Refseq

[NM_012649.2](#)

Protein Refseq

[NP_036781.1](#)

UniProt ID

[P34901](#)

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