

Recombinant Rat Sdf4 protein, His-tagged

Cat. No. Sdf4-721R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sdf4 aa. (Val184~Phe382 (Accession # Q91ZS3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val184~Phe382
Description	MRNA expression increases in response to ethanol.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.7.
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,

 Tel: 1-631-559-9269 1-516-512-3133

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and no obvious degradation and precipitation were observed. The loss rate 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, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

Sdf4 stromal cell derived factor 4 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Sdf4

Synonyms

Sdf4; stromal cell derived factor 4; 45 kDa calcium-binding protein; SDF-4; cab45

Gene ID

155173

mRNA Refseq

NM_130412.2

Protein Refseq

NP_569096.2

UniProt ID

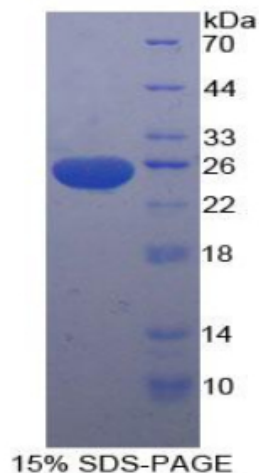
Q91ZS3

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SDS-PAGE



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