

Recombinant Rat Sparc protein, His-tagged

Cat. No. Sparc-7699R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sparc aa. (Ala18~Ile301 (Accession # P16975)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala18~Ile301
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.
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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	Sparc secreted protein acidic and cysteine rich [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Sparc
Synonyms	BM-40; ON; Secreted acidic cystein-rich glycoprotein (osteonectin); basement-membrane protein 40; osteonectin; secreted acidic cysteine rich glycoprotein; secreted protein acidic and rich in cysteine; secreted protein, acidic, cysteine-rich (osteonectin); SPARC
Gene ID	24791
mRNA Refseq	NM_012656.1
Protein Refseq	NP_036788.1
UniProt ID	P16975

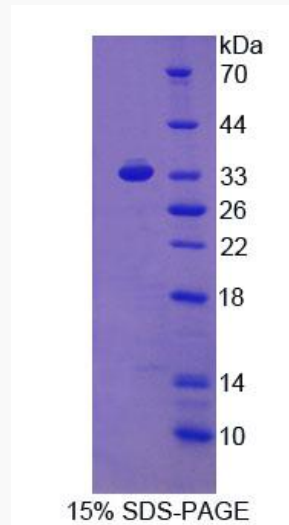
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SDS-PAGE



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