

Recombinant Mouse Sparc protein, His-tagged

Cat. No. Sparc-7698M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sparc aa. (Ala18-Ile302 (Accession # P07214)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala18-Ile302
Form	Freeze-dried powder
Molecular Mass	33.8 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.9.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in PBS, PH7.2-PH7.4.

GENE INFORMATION

Gene Name	Sparc secreted acidic cysteine rich glycoprotein [Mus musculus (house mouse)]
Official Symbol	Sparc
Synonyms	ON; BM-40; basement-membrane protein 40; osteonectin; secreted protein acidic and rich in cysteine; SPARC
Gene ID	20692
mRNA Refseq	NM_001290817.1
Protein Refseq	NP_001277746.1
UniProt ID	P07214

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