

## Recombinant Mouse Sparc protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Sparc aa. (Ala18-Ile302 (Accession # P07214)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala18-Ile302
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	33.8 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 4.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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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<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
<b>Reconstitution</b>	Reconstitute in PBS, PH7.2-PH7.4.

## GENE INFORMATION

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

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