

Recombinant Mouse Sparc Protein, His-tagged

Cat. No. Sparc-010M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sparc Protein (18-302aa) with His tag was expressed in insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	18-302aa
Description	Broad expression in subcutaneous fat pad adult (RPKM 1043.9), bladder adult (RPKM 893.4) and 22 other tissues.
Form	Liquid
Molecular Mass	33.3kDa (291aa)
AA Sequence	APQQTEVAEEIVEEETVVEETGVPVGANPVQVEMGEFEDGAEETVEEVVADNPCQ NHHCKHGKVCCELDESNTPMCVCQDPTSCPAIGEFKVCSDNKNKTFDSSCHFFATK CTLEGTKKGHKLHLDYIGPCKYIAPCLDSETEFPLMRDWLKNVLVTLYERDEGNN LLTEKQKLRVKKIHENEKRLEAGDHPVELLARDFEKNYNMYIFPVHWQFGQLDQHPI DGYLSHTELAPLRAPLIPMEHCTTRFFETCDLDNDKYIALEEWAGCFGIKEQDINKDL VI
Endotoxin	< 1 EU per 1 g of protein (determined by LAL method)

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Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

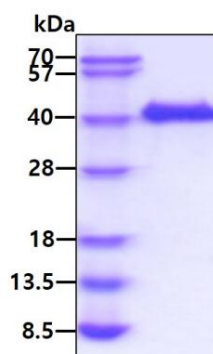
GENE INFORMATION

Gene Name	Sparc secreted acidic cysteine rich glycoprotein [<i>Mus musculus</i> (house mouse)]
Official Symbol	Sparc
Synonyms	Sparc; secreted acidic cysteine rich glycoprotein; ON; BM-40; SPARC; basement-membrane protein 40; osteonectin; secreted protein acidic and rich in cysteine
Gene ID	20692
mRNA Refseq	NM_009242
Protein Refseq	NP_033268
UniProt ID	P07214

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SDS-PAGE

3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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