

Recombinant Human SPARC protein, His-tagged

Cat. No. SPARC-3193H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPARC protein(P09486)(Ala18-Ile303), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala18-Ile303
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human SPARC, His Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Anti-SPARC Antibody, hFc Tag with the EC50 of 46.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 33.8 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name SPARC secreted protein, acidic, cysteine-rich (osteonectin) [Homo sapiens]

Official Symbol SPARC

Synonyms

SPARC; secreted protein, acidic, cysteine-rich (osteonectin); ON; cysteine rich protein; onectin; BM-40; cysteine-rich protein; basement-membrane protein 40; secreted protein acidic and rich in cysteine;

Gene ID 6678

mRNA Refseq NM_003118

Protein Refseq NP_003109

MIM 182120

UniProt ID P09486

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