

## Recombinant Human SPARC protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SPARC protein(P09486)(Ala18-Ile303), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala18-Ile303
<b>Tag</b>	C-His
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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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; osteonectin; 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

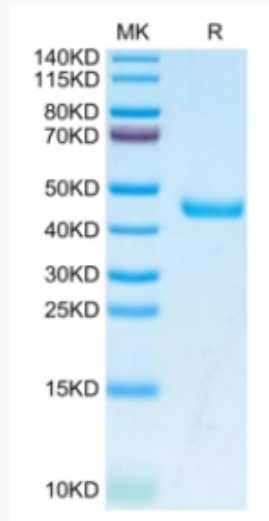
**UniProt ID** P09486

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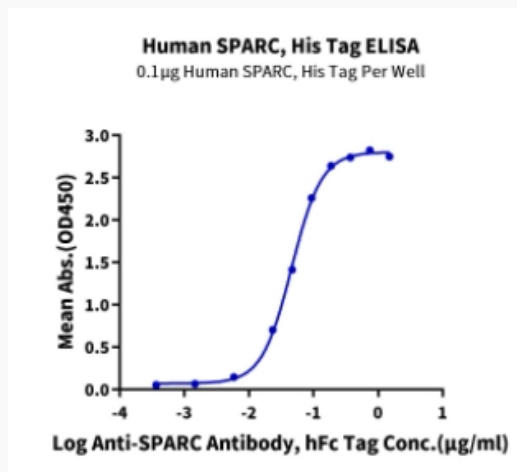
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**Tris-Bis PAGE**



**ELISA Data**



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