

Active Recombinant Mouse Sparcl1 protein, His-tagged

Cat. No. Sparcl1-536M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sparcl1 protein(EDL20231.1)(Met1-Phe650), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-650 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to inhibit the cell growth of Mv-1-Lu mink lung epithelial cells. The ED50 for this effect is typically 1-4 µg/mL.
Molecular Mass	The recombinant mouse SPARCL1 comprises 645 amino acids and has a predicted molecular mass of 72.2 kDa. The apparent molecular mass of the protein is approximately 118 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Phe650
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid 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	Sparcl1 SPARC-like 1 [<i>Mus musculus</i>]
Official Symbol	Sparcl1
Synonyms	SPARCL1; SPARC-like 1; SPARC-like protein 1; matrix glycoprotein Sc1; SPARC-like 1 (mast9, hevin); extracellular matrix protein 2; Sc1; Ecm2; hevin; mast9;
Gene ID	13602
mRNA Refseq	NM_010097
Protein Refseq	NP_034227

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