



Datasheet for ABIN7320238 SPARCL1 Protein (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	SPARCL1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPARCL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse SPARCL1/SPARC-like 1 Protein (His Tag)
Sequence:	Tyr368-Phe650
Characteristics:	A DNA sequence encoding the mouse Sparcl1 (NP_034227.3) (Tyr368-Phe650) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	SPARCL1
Alternative Name:	SPARCL1/SPARC-like 1 (SPARCL1 Products)
Background:	Background: SPARC-like protein 1 (SPARCL1, also known as SC1, high endothelial venule protein, or hevin) is an extracellular matrix-associated, secreted glycoprotein belonging to the secreted protein acidic and rich in cysteine (SPARC) family of matricellular proteins. It contains

Target Details

three conserved structural domains that are implicated in the regulation of cell adhesion, migration, and proliferation. SPARCL1 is expressed during embryogenesis and tissue remodeling and is especially prominent in brain and vasculature. Its down-regulation in a number of cancers and the possibility of its functional compensation by SPARC has led to recent interest in hevin as a tumor suppressor and regulator of angiogenesis. SPARCL1 has antiadhesive properties, and loss of SPARCL1 expression is associated with increased proliferative activity and cell cycle progression. It is suggested that it may influence multiple cellular processes during distinct stages of brain development and function. In addition, SPARCL1 can influence the function of astroglial cells in the developing and mature central nervous system (CNS).

Synonym: Ecm2,hevin,mast9,Sc1

Molecular Weight: 34.8 kDa

NCBI Accession: [NP_034227](#)

Application Details

Restrictions: For Research Use only

Handling

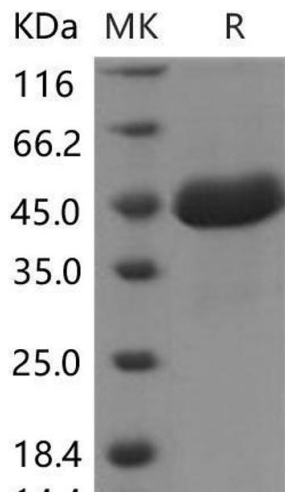
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.