

Datasheet for ABIN7596449

SPARCL1 Protein (AA 17-650) (His tag)



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Overview

Quantity:	250 µg
Target:	SPARCL1
Protein Characteristics:	AA 17-650
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPARCL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p> IPTSTRFLSD HSNPTTATLV TPEDATVPIA GVEATADIEN HPSDKAEKPS ALNSEEETHE QSTEQDKTYS FEVDLKDEED GDGDLSDVPT EGTLTLDLQE GTSEPQQKSL PENGDFPATV STSYVDPNQR ANITKGKESQ EQPVSDSHQQ PNESSKQTQD LKAEESQTQD PDIPNEEEEE EEDEEEEEEE EPEDIGAPSD NQEEGKEPLE EQPTSKWEGN REQSDDTLEE SSQPTQISK EKHQSEQGNQ GQESDSEAEG EDKAAGSKEH IPHTEQQDQE GKAGLEAIGN QKDTDEKAVS TEPTDAAVVP RSHGGAGDNG GGDDSKHGAG DDYFIPSQEF LEAERMHSLS YYLKYGGGEE TTTGESENRR EAADNQEAKK AESSPNAEPS DEGNSREHSA GSCTNFQCKR GHICKTDPQG KPHCVCQDPE TCPPAKILDQ ACGTDNQTYA SSCHLFATKC RLEGTKKGHQ LQLDYFGACK SIPACTDFEV AQFPLMRDW LKNILMQLYE PNPKHGGYLN EKQRSKVKKI YLDEKRLLAG HPIELLLRD FKKNYHMYVY PVHWQFNELD QHPADRILTH SELAPLRASL VPMEHCTR FEECDPNKDK HITLKEWGHC FGIKEEDIDE NLLF </p>
Purity:	> 90% by SDS-PAGE

Product Details

Endotoxin Level: < 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target: SPARCL1

Alternative Name: SPARC-like 1/SPARCL1 ([SPARCL1 Products](#))

Background: SPARC1, also known as SPARC-like protein 1, is a secreted protein with high structural similarity to SPARC. This protein as an anti-adhesive protein that is widely expressed in tissues such as brain, heart, lung, muscle and kidney, but not liver. It inhibits adhesion and spreading on a variety of substrates and is thought to cause antiadhesive signaling that terminates neuronal migration, consistent with production by glial and neuronal cells during development or in response to trauma. Also, it binds collagen, in mice, deletion causes dermal collagen fibrils that are smaller in diameter and deficient in decorin. Recombinant Mouse SPARCL1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 71.7 kDa (642aa)

NCBI Accession: [NP_034227](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.