9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SPARCL1 Mouse

SPARC Like 1 Mouse Recombinant
RCP2217

Product Overview

Name	SPARCL1 Mouse
Description	
SPARC Like 1 Mouse Recombinant	
Accession (Primary)	P70663
Synonyms	
Sparcl1, Ecm2, hevin, mast9, Sc1, SPARC-like protein 1, Extracellular matrix protein 2, Matrix glycoprotein Sc1.	
Introduction	
SPARC-like protein 1 or SPARC1 is an anti-adhesive protein with a similarity to the SPARC protein's structure. SPARC1 is highly expressed in several tissues such as brain, lungs, kidney, heart, although it is not found in the liver tissue. The protein inhibits spreading or adhesion of many substrates and is considered to lead to antiadhesive signaling that stops neuronal migration, that occurs during development or as a trauma response, consistent with production by glial and neuronal cells.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SPARCL1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
IPTSTRFLSD HSNPTTATLV TPEDATVPIA GVEATADIEN HPSDKAEKPS ALNSEEETHE QSTEQDKTYS FEVDLKDEED GDGDLSVDPT EGTLTLDLQE GTSEPQQKSL PENGDFPATV STSYVDPNQR ANITKGKESQ EQPVSDSHQQ PNESSKQTQD LKAEESQTQD PDIPNEEEEE EEDEEEEEEE EPEDIGAPSD NQEEGKEPLE EQPTSKWEGN REQSDDTLEE SSQPTQISKT EKHQSEQGNQ GQESDSEAEG EDKAAGSKEH IPHTEQQDQE	

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GKAGLEAIGN QKDTDEKAVS TEPTDAAVVP RSHGGAGDNG GGDDSKHGAG DDYFIPSQEF LEAERMHSLS YYLKYGGGEE TTTGESENRR EAADNQEAKK AESSPNAEPS DEGNSREHSA GSCTNFQCKR GHICKTDPQG KPHCVCQDPE TCPPAKILDQ ACGTDNQTYA SSCHLFATKC RLEGTKKGHQ LQLDYFGACK SIPACTDFEV AQFPLRMRDW LKNILMQLYE PNPKHGGYLN EKQRSKVKKI YLDEKRLLAG HPIELLLRD FKKNYHMYVY PVHWQFNELD QHPADRILTH SELAPLRASL VPMEHCITRF FEECDPNKDK HITLKEWGHC FGIKEEDIDE NLLF LEHHHH HH

Precautions

SPARCL1 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P70663)