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# 32-13451: SPARCL1 Mouse

**Alternative Name :** Sparcl1, Ecm2, hevin, mast9, Sc1, SPARC-like protein 1, Extracellular matrix protein 2, Matrix glycoprotein Sc1.

## Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
SPARC-like protein 1 or SPARC1 is an anti-adhesive protein with a similarity to the SPARC proteinÂ'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.
SPARCL1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 642 amino acids (17-650 a.a) and having a molecular mass of 71.7kDa.SPARCL1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

## Product Info

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| **Amount :** | 2 µg / 10 µg |
| **Purification :** | Greater than 90.0% as determined by SDS-PAGE. |
| **Content :** | SPARCL1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. |
| **Storage condition :** | 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. |
| **Amino Acid :** | IPTSTRFLSD HSNPTTATLV TPEDATVPIA GVEATADIEN HPSDKAEKPS ALNSEEETHEQSTEQDKTYS FEVDLKDEED GDGDLSVDPT EGTLTLDLQE GTSEPQQKSL PENGDFPATVSTSYVDPNQR ANITKGKESQ EQPVSDSHQQ PNESSKQTQD LKAEESQTQD PDIPNEEEEEEEDEEEEEEE EPEDIGAPSD NQEEGKEPLE EQPTSKWEGN REQSDDTLEE SSQPTQISKTEKHQSEQGNQ GQESDSEAEG EDKAAGSKEH IPHTEQQDQE GKAGLEAIGN QKDTDEKAVSTEPTDAAVVP RSHGGAGDNG GGDDSKHGAG DDYFIPSQEF LEAERMHSLS YYLKYGGGEETTTGESENRR EAADNQEAKK AESSPNAEPS DEGNSREHSA GSCTNFQCKR GHICKTDPQGKPHCVCQDPE TCPPAKILDQ ACGTDNQTYA SSCHLFATKC RLEGTKKGHQ LQLDYFGACKSIPACTDFEV AQFPLRMRDW LKNILMQLYE PNPKHGGYLN EKQRSKVKKI YLDEKRLLAGHPIELLLRD FKKNYHMYVY PVHWQFNELD QHPADRILTH SELAPLRASL VPMEHCITRFFEECDPNKDK HITLKEWGHC FGIKEEDIDE NLLFLEHHHH HH |