

32-4785: Recombinant Human Syndecan Binding Protein

Alternative Name SYCL, syntenin-1, Syndecan-binding protein 1, Scaffold protein Pbp1, MDA-9, Melanoma differentiation-associated protein 9, TACIP18, Pro-TGF- α cytoplasmic domain-interacting protein 18.

Description

Source : Escherichia Coli. SDCBP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 318 amino acids (1-298a.a.) and having a molecular mass of 34.6kDa. SDCBP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SDCBP is a multifunctional intracellular adapter protein. SDCBP protein has tandemly repeated PDZ domains which react with the FYA (phe-tyr-ala) carboxyterminal amino acid sequence of the syndecans. SDCBP is has a role in organization of protein complexes in the plasma membranes, regulation of B-cell development, activation of transcription factors, intracellular trafficking and cell-surface targeting, synaptic transmission, and axonal outgrowth.

Product Info

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| Amount : | 20 μ g |
| Purification : | Greater than 90% as determined by SDS-PAGE. |
| Content : | The SDCBP protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl Buffer (pH 8.0), 100 mM NaCl, and 40% 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. Please avoid freeze thaw cycles. |
| Amino Acid : | MGSSHHHHHH SGLVPRGSH MSLYPSLEDL KVDKVIQAQT AFSANPANPA ILSEASAPIP HDGNLYPRLY PELSQYMGLS LNEEEIRANV AVVSGAPLQG QLVARPSSIN YMVAPVTGND VGIRRAEIKQ GIREVILCKD QDGKIGRLRK SIDNGIFVQL VQANSPASLV GLRFGDQVLQ INGENCAGWS SDKAHKVLKQ AFGEKITMTI RDRPFERTIT MHKDSTGHVG FIFKNGKITS IVKDSSAARN GLLTEHNICE INGQNVIGLK |

