

## 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-alpha 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

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | Greater than 90% as determined by SDS-PAGE.   |
| <b>Content :</b>           | The SDCBP protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl Buffer (pH 8.0), 100 mM NaCl, and 40% Glycerol.  |
| <b>Storage condition :</b> | 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.   |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MSLYPSLEDL KVDKVIQAQT AFSANPANPA ILSEASAPIP HDGNLYPRLY<br>PELSQYMGLS LNEEEIRANV AVVSGAPLQG QLVARPSSIN YMVAPVTGND VGIRRAEIKQ GIREVILCKD<br>QDGKIGLRLK SIDNGIFVQL VQANSPASLV GLRFGDQVLQ INGENCAGWS SDKAHKVLKQ AFGEKITMTI<br>RDRPFERTIT MHKDSTGHVG FIFKNGKITS IVKDSSAARN GLLTEHNICE INGQNVIGLK |

