

## SDCBP Human

**Description:**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.

**Catalog #:**PRPS-043

**Synonyms:**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.

For research use only.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MSLYPSLEDL KVDKVIQAQT  
AFSANPANPA ILSEASAPIP HDGNLYPRLY PELSQYMGLS LNEEEIRANV AVVSGAPLQG  
QLVARPSSIN YMVAPVTGND VGIRRAEIKQ GIREVILCKD QDGKIGLRLK SIDNGIFVQL  
VQANSPASLV GLRFGDQVLQ INGENCAGWS SDKAHKVLKQ AFGEKITMTI RDRPFERTIT  
MHKDSTGHVG FI

**Purity:**Greater than 90% as determined by SDS-PAGE.

### Formulation:

The SDCBP protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl Buffer (pH 8.0), 100 mM NaCl, and 40% Glycerol.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

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.

### Storage:

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.

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