

# Recombinant human SDCBP protein

Catalog Number: ATGP0809



## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-298aa

### UniProt No.

O00560

### NCBI Accession No.

NP\_005616

### Alternative Names

Syntenin-1, MDA-9, ST1, SYCL, TACIP18

## PRODUCT SPECIFICATION

---

### Molecular Weight

34.6 kDa (318aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 100mM NaCl, 40% glycerol

### Purity

> 90% by SDS-PAGE

### Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### Description

SDCBP, also known as Syntenin1, is a multifunctional intracellular adapter protein. This protein contains tandemly repeated PDZ domains that react with the FYA (phe-tyr-ala) carboxyterminal amino acid sequence of the syndecans. It is involved 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

---

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**

*Manufactured for:*

Immuno-Biological Laboratories, Inc. (IBL-America)

8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: [info@ibl-america.com](mailto:info@ibl-america.com) Web: [www.ibl-america.com](http://www.ibl-america.com)

# Recombinant human SDCBP protein

Catalog Number: ATGP0809



transmission, and axonal outgrowth. Recombinant human SDCBP protein, fused to His-tag at N-terminus, was expressed in *E. coli* and purified by using conventional chromatography.

## Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MSLYPSLEDL KVDKVIQAQT AFSANPANPA ILSEASAPIP HDGNLYPRLY PELSQYMGLS  
LNEEEIRANV AVVSGAPLQG QLVARPSSIN YMVAPVTGND VGIRRAEIKQ GIREVILCKD QDGKIGLRRLK SIDNGIFVQL  
VQANSPASLV GLRFGDQVLQ INGENCAGWS SDKAHKVLKQ AFGEKITMTI RDRPFERTIT MHKDSTGHVG FIFKNGKITS  
IVKDSSAARN GLLTEHNICE INGQNVIGLK DSQIADILST SGTVVITITIM PAFIFEHIIK RMAPSIMKSL MDHTIPEV

## General References

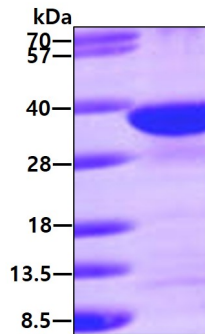
Lee CH., et al. (2010) *Comp Biochem Physiol C Toxicol Pharmacol.* 152(2):195-201.

Fisher PB., et al (2008) *Cancer Res.* 68(9):3087-93.

## DATA

---

### SDS-PAGE



3µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

---

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**

*Manufactured for:*

Immuno-Biological Laboratories, Inc. (IBL-America)  
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246

Fax.: (763) 780-2988

Email: [info@ibl-america.com](mailto:info@ibl-america.com)

Web: [www.ibl-america.com](http://www.ibl-america.com)