

# Recombinant Human SDCBP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SDCBP-5280H    Lot. No. (See product label)

## SPECIFICATION

### Product Overview

SDCBP MS Standard C13 and N15-labeled recombinant protein (NP\_001007069) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

The protein encoded by this gene was initially identified as a molecule linking syndecan-mediated signaling to the cytoskeleton. The syntenin protein contains tandemly repeated PDZ domains that bind the cytoplasmic, C-terminal domains of a variety of transmembrane proteins. This protein may also affect cytoskeletal-membrane organization, cell adhesion, protein trafficking, and the activation of transcription factors. The protein is primarily localized to membrane-associated adherens junctions and focal adhesions but is also found at the endoplasmic reticulum and nucleus. Alternative splicing results in multiple transcript variants encoding different isoforms. Related pseudogenes have been identified on multiple chromosomes.

### Molecular Mass

31.6 kDa

### AA Sequence

MSLYPSLEDLKAQTAFSANPANPAILSEASAPIPHDGNLYPRLYPELSQYMGLSLNEE  
EIRANVAVVSGAPLQGQLVARPSSINYMVAPVTGNDVGIIRRAEIKQGIREVILCKDQD  
GKIGLRLKSIDNGIFVQLVQANSPASLVGLRFGDQVLQINGENCAGWSSDKAHKVLK

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QAFGEKITMTIRDRPFERTITMHKDSTGHVGFIFKNGKITSIVKDSSAARNGLLTEHNI  
 CEINGQNVIKGLKDSQIADILSTSGTVVTITIMPAFIFEHIIKRMAPSIMKSLMDHTIPEVT  
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [SDCBP syndecan binding protein \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [SDCBP](#)

**Synonyms** SDCBP; syndecan binding protein (syntenin); syntenin-1; SYCL; scaffold protein Pbp1; syndecan-binding protein 1; melanoma differentiation associated protein-9; melanoma differentiation-associated protein 9; pro-TGF-alpha cytoplasmic domain-interacting protein 18; ST1; MDA-9; TACIP18;

**Gene ID** [6386](#)

**mRNA Refseq** [NM\\_001007068](#)

**Protein Refseq** [NP\\_001007069](#)

 Tel: 1-631-559-9269 1-516-512-3133

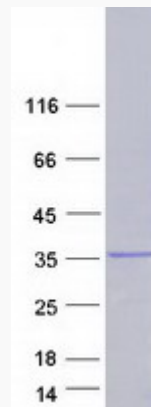
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**MIM** 602217

**UniProt ID** O00560

**SDS-PAGE**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA