

## Product datasheet for TP312681M

### Syntenin (SDCBP) (NM\_001007067) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens syndecan binding protein (syntenin) (SDCBP), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212681 protein sequence Red=Cloning site Green=Tags(s)

MSLYPSLEDLKVDKVIQAQTAFSANPANPAILSEASAPIPHDGNLYPRLYPELSQYMGLSLNEEEIRANV  
AVVSGAPLQGQLVARPSSINYMVAPVTGNDVGIIRRAEIKQGIREVILCKDQDGKIGLRLKSIDNGIFVQL  
VQANSPASLVGLRFGDQVLQINGENCAGWSSDKAHKVLKQAFGEKITMTIRDRPFERTITMHKDSTGHVG  
FIFKNGKITSIVKDSSAARNGLLTEHNICEINGQNVIGLKDSQIADILSTSGTVVTITIMPAFIFEHIK  
RMAPSIMKSLMDHTIPEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	32.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001007068</a>
Locus ID:	6386



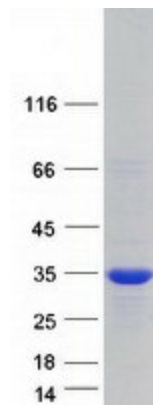
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UniProt ID: [O00560](#), [A0A024R7Z5](#)  
RefSeq Size: 2170  
Cytogenetics: 8q12.1  
RefSeq ORF: 894  
Synonyms: MDA-9; MDA9; ST1; SYCL; TACIP18

**Summary:** 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. [provided by RefSeq, Jan 2017]

**Protein Families:** Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified SDCBP protein (Cat# [TP312681]). The protein was produced from HEK293T cells transfected with SDCBP cDNA clone (Cat# [RC212681]) using MegaTran 2.0 (Cat# [TT210002]).