

Recombinant Human Syndecan Binding Protein (Syntenin), His-tagged

Cat. No. SDCBP-3367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SDCBP protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 34.6kDa(318aa).
Species	Human
Source	E.coli
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 transmission, and axonal outgrowth.
Form	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 100 mM NaCl, 40% Glycerol.
Purity	> 90% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHH SSGLVPRGSH MSLYPSLEDL KVDKVIQAQT AFSANPANPA ILSE ASAPIP HDGNLYPRLY PELSQYMGLS LNEEEIRANVAVVSGAPLQG QLVARPSSIN YMVAPVTGND VGIRRAEIKQ GIREVILCKD QDGKIGLRLK SIDNGIFVQL VQAN SPASLV GLRFGDQVLQINGENCAGWS SDKAHKVLKQ AFGEKITMTI RDRPFERTIT

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MHKDSTGHVG FIFKNGKITS IVKDSSAARN GLLTEHNICE INGQ NVIGLKD
SQIADILST SGTVVITITIM PAFIFEHIK RMAPSIMKSL MDHTIPEV.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Fuction

cytoskeletal adaptor activity; frizzled binding; protein N-terminus binding; interleukin-5 receptor binding; protein heterodimerization activity; syndecan binding

Pathways

Axon guidance

GENE INFORMATION

Gene Name

SDCBP syndecan binding protein (syntenin) [Homo sapiens]

Synonyms

syndecan binding protein (syntenin); ST1; SYCL; MDA-9; TACIP18; SDCBP; syntenin-1; 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; Pro-TGF-alpha cytoplasmic domain-interacting protein 18; Scaffold protein Pbp1; Melanoma differentiation-associated protein 9; Syndecan-binding protein 1; MDA9

Gene ID

6386

mRNA Refseq

NM_001007067

Protein Refseq

NP_001007068

MIM

602217

UniProt ID

O00560

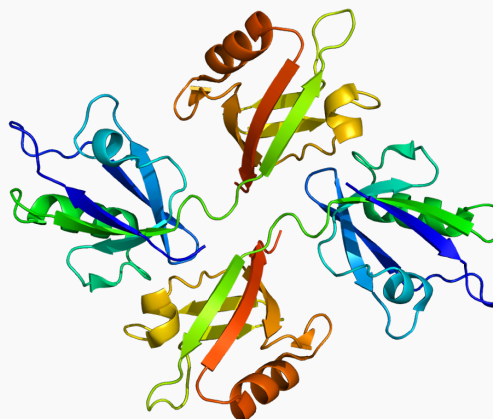
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Chromosome
Location 8q12

PDB rendering based
on 1n99.



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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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