

Recombinant Human SDCBP Protein, His-tagged

Cat. No. SDCBP-698H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SDCBP, transcript variant 5, fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	Supplied as a 0.2 µ filtered solution of PBS, pH 7.4
Molecular Mass	33kD
AA Sequence	SLYPSLEDLKVVDKVIQAQTAFSANPANPAILSEASAPIPHDGNLYPRLYPELSQYMGL SLNEEEIRANVAVVSGAPLQGQLVARPSSINYMVAPVTGNDVGIIRRAEIKQGIREVIL CKDQDGKIGLRLKSIDNGIFVQLVQANSPASLVGLRFGDQVLQINGENCAGWSSDKA

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HKVLKQAFGEKITMTIRDRPFERTITMHKDSTGHVGFIFKNGKITSIVKDSSAARNGLL
TEHNICEINGQNVIGLKDSQIAD

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name SDCBP syndecan binding protein (syntenin) [Homo sapiens]

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_001007067

Protein Refseq NP_001007068

MIM 602217

UniProt ID O00560

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