



Recombinant Human Syntenin-1 (SDCBP)

Product Code	CSB-EP020893HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00560
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SLYPSLEDL KVDKVIQAQT AFSANPANPA ILSEASAPIP HDGNLYPRLY PELSQYMGLS LNEEEIRANV AVVSGAPLQG QLVARPSSIN YMVAPVTGND VGIRRAEIKQ GIREVILCKD QDGKIGLRLK SIDNGIFVQL VQANSPASLV GLRFGDQVLQ INGENCAGWS SDKAHKVLKQ AFGEKITMTI RDRPFERTIT MHKDSTGHVG FIFKNGKITS IVKDSSAARN GLLTEHNICE INGQNVIGLK DSQIADILST SGTVVITIM PAFIFEHIK RMAPSIMKSL MDHTIPEV
Source	E.coli
Target Names	SDCBP
Protein Names	Recommended name: Syntenin-1 Alternative name(s): Melanoma differentiation-associated protein 9 Short name= MDA-9 Pro-TGF-alpha cytoplasmic domain-interacting protein 18 Short name= TACIP18 Scaffold protein Pbp1 Syndecan-
Expression Region	2-298
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.