

Product datasheet for PH315390

Syntenin (SDCBP) (NM_005625) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SDCBP MS Standard C13 and N15-labeled recombinant protein (NP_005616)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215390
Predicted MW:	32.4 kDa
Protein Sequence:	>RC215390 protein sequence Red=Cloning site Green=Tags(s) MSLYPSLEDLKVDKVIQAQTAFSANPANPAILSEASAPIPHDGNLYPRLYPELSQYMGSLNNEEIRANV AVVSGAPLQGQLVARPSSINYMVAPVTGNDVGIIRRAEIKQGIREVILCKDQDGKIGLRKSIDNGIFVQL VQANSPASLVGLRFGDQVLQINGENCAGWSSDKAHKVLKQAFGEKITMTIRDRPFERTITMHKDSTGHVG FIFKNGKITSIVKDSSAARNGLL TEHNICEINGQNVIGLKDSQIADILSTSGTVVITIMPAFIFEHIIK RMAPSIMKSLMDHTIPEV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005616</u>
RefSeq Size:	2173
RefSeq ORF:	894
Synonyms:	MDA-9; MDA9; ST1; SYCL; TACIP18
Locus ID:	6386



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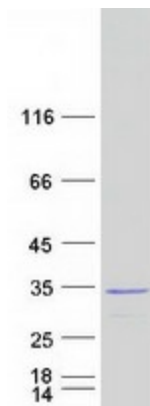
UniProt ID: [O00560](#), [A0A024R7Z5](#)

Cytogenetics: 8q12.1

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# [TP315390]). The protein was produced from HEK293T cells transfected with SDCBP cDNA clone (Cat# [RC215390]) using MegaTran 2.0 (Cat# [TT210002]).