

Human SDCBP Knockdown Cell Lysate

Cat. No. SDCBP-293HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated SDCBP Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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	Cell-Tissue Lysis buffer
Molecular Mass	32 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.

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Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg SDCBP KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

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

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UniProt ID

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