

Recombinant Human SDCBP 293 Cell Lysate

Cat. No. SDCBP-2015HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for syndecan binding protein (syntenin) (SDCBP), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

Chromosome Location

8q12

Pathway

Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; IL-5 Signaling Pathway, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; Neurofascin interactions, organism-specific

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biosystem; Syndecan-1-mediated signaling events, organism-specific biosystem;
Syndecan-2-mediated signaling events, organism-specific biosystem;

Function

cell adhesion molecule binding; cytoskeletal adaptor activity; ephrin receptor binding;
frizzled binding; glycoprotein binding; growth factor binding; interleukin-5 receptor
binding; protein C-terminus binding; protein N-terminus binding; protein
heterodimerization activity; protein homodimerization activity; syndecan binding;
syndecan binding;

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