

Recombinant Human SDCBP 293 Cell Lysate

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

SPECIFICATION

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.
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

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

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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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