

Recombinant Human SH2D1A 293 Cell Lysate

Cat. No. SH2D1A-1879HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SH2 domain protein 1A (SH2D1A), 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 SH2D1A SH2 domain containing 1A [Homo sapiens]

Official Symbol SH2D1A

Synonyms SH2D1A; SH2 domain containing 1A; IMD5, lymphoproliferative syndrome , LYP, SH2 domain protein 1A; SH2 domain-containing protein 1A; DSHP; Duncans disease; EBVS; MTCP1; SAP; XLP; XLPD; SLAM-associated protein; Duncan disease SH2-protein; T cell signal transduction molecule SAP; T-cell signal transduction molecule SAP; SLAM associated protein/SH2 domain protein 1A; signaling lymphocyte activation molecule-associated protein; signaling lymphocytic activation molecule-associated protein; LYP; IMD5; SAP/SH2D1A; FLJ18687; FLJ92177;

Gene ID 4068

mRNA Refseq NM_001114937

Protein Refseq NP_001108409

MIM 300490

UniProt ID O60880

Chromosome Location Xq25

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Pathway	Direct p53 effectors, organism-specific biosystem; Measles, organism-specific biosystem; Measles, conserved biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;
Function	SH3/SH2 adaptor activity;

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