

Recombinant Human SH2D2A 293 Cell Lysate

Cat. No. SH2D2A-1878HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SH2 domain protein 2A (SH2D2A), transcript variant 2 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 SH2D2A SH2 domain containing 2A [Homo sapiens]

Official Symbol SH2D2A

Synonyms SH2D2A; SH2 domain containing 2A; SH2 domain protein 2A; SH2 domain-containing protein 2A; F2771; T cell specific adapter protein TSAd; T cell specific adpater protein TSAd; T lymphocyte specific adaptor protein; TSAd; VEGF receptor-associated protein; SCAP; TSAD; VRAP;

Gene ID 9047

mRNA Refseq NM_001161441

Protein Refseq NP_001154913

MIM 604514

UniProt ID Q9NP31

Chromosome Location 1q21

Pathway ErbB1 downstream signaling, organism-specific biosystem; Signaling events mediated by VEGFR1 and VEGFR2, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem; VEGF signaling pathway, organism-

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specific biosystem; VEGF signaling pathway, conserved biosystem;

Function

SH3 domain binding; SH3/SH2 adaptor activity;

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