

Recombinant Human SKAP1 293 Cell Lysate

Cat. No. SKAP1-1817HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for src kinase associated phosphoprotein 1 (SKAP1), 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

SKAP1 src kinase associated phosphoprotein 1 [Homo sapiens]

Official Symbol

SKAP1

Synonyms

SKAP1; src kinase associated phosphoprotein 1; SCAP1, src family associated phosphoprotein 1; src kinase-associated phosphoprotein 1; SKAP55; pp55; SKAP-55; src family associated phosphoprotein 1; src family-associated phosphoprotein 1; src kinase-associated phosphoprotein of 55 kDa; SCAP1;

Gene ID

8631

mRNA Refseq

NM_003726

Protein Refseq

NP_003717

MIM

604969

UniProt ID

Q86WV1

Chromosome Location

17q21.32

Pathway

T Cell Receptor Signaling Pathway, organism-specific biosystem;

Function

SH2 domain binding; SH3/SH2 adaptor activity; antigen binding; protein binding;

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protein kinase binding;

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