

Recombinant Human SHC4 293 Cell Lysate

Cat. No. SHC4-1861HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SHC (Src homology 2 domain containing) family, member 4 (SHC4) 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

SHC4 SHC (Src homology 2 domain containing) family, member 4 [Homo sapiens]

Official Symbol

SHC4

Synonyms

SHC4; SHC (Src homology 2 domain containing) family, member 4; SHC-transforming protein 4; rai like protein; RaLP; hShcD; rai-like protein; SH2 domain protein C4; SHC-transforming protein D; src homology 2 domain-containing-transforming protein C4; SHCD; MGC34023;

Gene ID

399694

mRNA Refseq

NM_203349

Protein Refseq

NP_976224

UniProt ID

Q6S5L8

Chromosome Location

15q21.1-q21.2

Pathway

Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; ErbB signaling pathway, organism-specific biosystem;

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Function

protein domain specific binding; receptor tyrosine kinase binding;

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