

Recombinant Human LCP2 293 Cell Lysate

Cat. No. LCP2-4794HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description Antigen standard for lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa) (LCP2) 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	LCP2 lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa) [Homo sapiens]
Official Symbol	LCP2
Synonyms	LCP2; lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa); lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kD) , SLP76; lymphocyte cytosolic protein 2; 76 kDa tyrosine phosphoprotein; SH2 domain containing leukocyte protein of 76kD; SLP 76; SLP-76 tyrosine phosphoprotein; SH2 domain-containing leukocyte protein of 76kD; SH2 domain-containing leukocyte protein of 76 kDa; SLP76; SLP-76;
Gene ID	3937
mRNA Refseq	NM_005565
Protein Refseq	NP_005556
MIM	601603
UniProt ID	Q13094
Chromosome Location	5q35.1

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Pathway

Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; GPVI-mediated activation cascade, organism-specific biosystem; Generation of second messenger molecules, organism-specific biosystem;