

Recombinant Human HCLS1 293 Cell Lysate

Cat. No. HCLS1-5611HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for hematopoietic cell-specific Lyn substrate 1 (HCLS1) 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 HCLS1 hematopoietic cell-specific Lyn substrate 1 [Homo sapiens]

Official Symbol HCLS1

Synonyms HCLS1; hematopoietic cell-specific Lyn substrate 1; hematopoietic lineage cell-specific protein; cortactin like; CTTNL; HS1; p75; IckBP1;

Gene ID 3059

mRNA Refseq NM_005335

Protein Refseq NP_005326

MIM 601306

UniProt ID P14317

Chromosome Location 3q13

Pathway B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; IL-5 Signaling Pathway, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli

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infection, conserved biosystem;

Function

DNA binding; SH3 domain binding; protein complex binding; sequence-specific DNA binding transcription factor activity;

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