

Recombinant Human DLC1 293 Cell Lysate

Cat. No. DLC1-6913HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for deleted in liver cancer 1 (DLC1), 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

[DLC1 deleted in liver cancer 1 \[Homo sapiens \]](#)

Official Symbol

DLC1

Synonyms

DLC1; deleted in liver cancer 1; rho GTPase-activating protein 7; ARHGAP7; DLC 1; HP; p122 RhoGAP; StAR related lipid transfer (START) domain containing 12; STARD12; Rho-GTPase-activating protein 7; deleted in liver cancer 1 protein; START domain-containing protein 12; deleted in liver cancer 1 variant 2; rho-type GTPase-activating protein 7; StAR-related lipid transfer (START) domain containing 12; p122-RhoGAP; FLJ21120;

Gene ID

[10395](#)

mRNA Refseq

[NM_001164271](#)

Protein Refseq

[NP_001157743](#)

MIM

[604258](#)

UniProt ID

[Q96QB1](#)

**Chromosome
Location**

8p22

Pathway

Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle,

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organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Signaling by Rho GTPases, organism-specific biosystem;

Function

GTPase activator activity; NOT Rac GTPase activator activity; Rho GTPase activator
activity; Rho GTPase activator activity; SH2 domain binding; phospholipase binding;
protein binding; vinculin binding;

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