

Recombinant Human DERL1 293 Cell Lysate

Cat. No. DERL1-6971HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Der1-like domain family, member 1 (DERL1), 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

DERL1 Der1-like domain family, member 1 [Homo sapiens]

Official Symbol

DERL1

Synonyms

DERL1; Der1-like domain family, member 1; derlin-1; DER 1; DER1; derlin 1; FLJ13784; MGC3067; PRO2577; DERtrin-1; der1-like protein 1; degradation in endoplasmic reticulum protein 1; DER-1; FLJ42092;

Gene ID

79139

mRNA Refseq

NM_001134671

Protein Refseq

NP_001128143

MIM

608813

UniProt ID

Q9BUN8

**Chromosome
Location**

8q24.13

Pathway

Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; HRD1/SEL1 ERAD complex, organism-specific biosystem; HRD1/SEL1 ERAD complex, conserved biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein

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processing in endoplasmic reticulum, conserved biosystem;

Function

MHC class I protein binding; protein binding; receptor activity;

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