

Recombinant Human PELI1 293 Cell Lysate

Cat. No. PELI1-3304HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for pellino homolog 1 (Drosophila) (PELI1) 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

PELI1 pellino E3 ubiquitin protein ligase 1 [Homo sapiens]

Official Symbol

PELI1

Synonyms

E3 ubiquitin-protein ligase pellino homolog 1; pellino-1; pellino homolog 1; protein pellino homolog 1; pellino-related intracellular-signaling molecule

Gene ID

57162

mRNA Refseq

NM_020651.3

Protein Refseq

NP_065702.2

UniProt ID

Q96FA3

Chromosome Location

2p13.3

Pathway

Activated TLR4 signalling, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; IRAK1 recruits IKK complex, organism-specific biosystem; IRAK1 recruits IKK complex upon TLR7/8 or 9 stimulation, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Interleukin-1 signaling, organism-specific biosystem;

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Function

ubiquitin-protein ligase activity;

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