

Recombinant Human LRPPRC 293 Cell Lysate

Cat. No. LRPPRC-4652HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for leucine-rich PPR-motif containing (LRPPRC) 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

LRPPRC leucine-rich pentatricopeptide repeat containing [Homo sapiens]

Official Symbol

LRPPRC

Synonyms

LRPPRC; leucine-rich pentatricopeptide repeat containing; Leigh syndrome, French Canadian type (cytochrome oxidase deficiency) , LSFC; leucine-rich PPR motif-containing protein, mitochondrial; GP130; LRP130; LRP 130; 130 kDa leucine-rich protein; leucine-rich PPR-motif containing; mitochondrial leucine-rich PPR motif-containing protein; LSFC; CLONE-23970;

Gene ID

10128

mRNA Refseq

NM_133259

Protein Refseq

NP_573566

MIM

607544

UniProt ID

P42704

**Chromosome
Location**

2p21

Pathway

TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

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Function

DNA binding; RNA binding; NOT actin filament binding; beta-tubulin binding; microtubule binding; protein binding; single-stranded DNA binding;

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