

Recombinant Human LPP 293 Cell Lysate

Cat. No. LPP-4664HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for LIM domain containing preferred translocation partner in lipoma (LPP), 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	LPP LIM domain containing preferred translocation partner in lipoma [Homo sapiens]
Official Symbol	LPP
Synonyms	LPP; LIM domain containing preferred translocation partner in lipoma; lipoma-preferred partner; LIM protein; FLJ30652; FLJ41512; DKFZp779O0231;
Gene ID	4026
mRNA Refseq	NM_001167671
Protein Refseq	NP_001161143
MIM	600700
UniProt ID	Q93052
Chromosome Location	3q27-q28
Pathway	Stabilization and expansion of the E-cadherin adherens junction, organism-specific biosystem;
Function	metal ion binding; protein binding; zinc ion binding;

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