

Recombinant Human C11orf59 293 Cell Lysate

Cat. No. LAMTOR1-8340HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chromosome 11 open reading frame 59 (C11orf59) 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

LAMTOR1 late endosomal/lysosomal adaptor, MAPK and MTOR activator 1 [Homo sapiens]

Official Symbol

LAMTOR1

Synonyms

p18; PDRO; C11orf59; p27RF-Rho; Ragulator1; ragulator complex protein LAMTOR1; RhoA activator C11orf59; lipid raft adaptor protein p18; ragulator complex protein PDRO; p27Kip1-releasing factor from RhoA; p27kip1 releasing factor from RhoA; protein associated with DRMs and endosomes; late endosomal/lysosomal adaptor and MAPK and MTOR activator 1

Gene ID

55004

mRNA Refseq

NM_017907

Protein Refseq

NP_060377

MIM

613510

UniProt ID

Q6IAA8

Chromosome Location

11q13.4

Function

contributes_to guanyl-nucleotide exchange factor activity; protein binding;

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contributes_to protein complex scaffold

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