

Recombinant Human LANCL2 293 Cell Lysate

Cat. No. LANCL2-4825HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for LanC lantibiotic synthetase component C-like 2 (bacterial) (LANCL2) 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

LANCL2 LanC lantibiotic synthetase component C-like 2 (bacterial) [Homo sapiens]

Official Symbol

LANCL2

Synonyms

LANCL2; LanC lantibiotic synthetase component C-like 2 (bacterial); GPR69B, LanC (bacterial lantibiotic synthetase component C) like 2; lanC-like protein 2; G protein coupled receptor 69B; TASP; testis specific adriamycin sensitivity protein; G protein-coupled receptor 69B; testis-specific adriamycin sensitivity protein; LanC (bacterial lantibiotic synthetase component C)-like 2; GPR69B; MGC87139;

Gene ID

55915

mRNA Refseq

NM_018697

Protein Refseq

NP_061167

MIM

612919

UniProt ID

Q9NS86

**Chromosome
Location**

7q31.1-q31.33

Function

ATP binding; GTP binding; catalytic activity; phosphatidylinositol-3-phosphate binding; phosphatidylinositol-4-phosphate binding; phosphatidylinositol-5-phosphate

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binding;

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