

Recombinant Human LANCL1 293 Cell Lysate

Cat. No. LANCL1-4826HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for LanC lantibiotic synthetase component C-like 1 (bacterial) (LANCL1), 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [LANCL1 LanC lantibiotic synthetase component C-like 1 \(bacterial\) \[Homo sapiens \]](#)

Official Symbol [LANCL1](#)

Synonyms [LANCL1](#); LanC lantibiotic synthetase component C-like 1 (bacterial); GPR69A, LanC (bacterial lantibiotic synthetase component C) like 1; lanC-like protein 1; p40; G protein-coupled receptor 69A; 40 kDa erythrocyte membrane protein; LanC (bacterial lantibiotic synthetase component); LanC (bacterial lantibiotic synthetase component C)-like 1; GPR69A;

Gene ID [10314](#)

mRNA Refseq [NM_001136574](#)

Protein Refseq [NP_001130046](#)

MIM [604155](#)

UniProt ID [O43813](#)

Chromosome Location [2q33-q35](#)

Function G-protein coupled receptor activity; SH3 domain binding; catalytic activity; glutathione binding; low-density lipoprotein particle receptor binding; metal ion binding; zinc ion binding;

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