

Recombinant Human LANCL1 protein, His&Myc-tagged

Cat. No. LANCL1-3154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LANCL1 protein(O43813)(2-399aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-399aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	52.6 kDa
AA Sequence	AQRAFPNPYADYNKSLAEGYFDAAGRLTPEFSQRLTNKIRELLQQMERGLKSADPR DGTGYTGWAGIAVLVLYLHLYDVFGDPAYLQLAHGYVKQSLNCLTKRSITFLCGDAGPL AVAAVLVYHKMNNEKQAEDCITRLIHLNKIDPHAPNEMLYGRIGYIYALLFVNKNFGVE KIPQSHIQQICETILTSGENLARKRNFTAKSPLMYEWYQEYYVGAAGLAGIYYYYLMQ PSLQVSQGKLHSLVKPSVDYVCQLKFPSGNYPPCIGDNRDLLVHWCHGAPGVIYMLI QAYKVFREEKYLCDAYQCADVIWQYGLLKKGYGLCHGSAGNAYAFLLTYNLTQDMK YLYRACKFAEWCLEYGEHGCRTPDTPFSLFEGMAGTIYFLADLLVPTKARFPAPFEL
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
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

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