

Product datasheet for TP305279

OriGene Technologies, Inc.

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LANCL1 (NM_006055) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human LanC lantibiotic synthetase component C-like 1 (bacterial)

(LANCL1), transcript variant 1, 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC205279 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MAQRAFPNPYADYNKSLAEGYFDAAGRLTPEFSQRLTNKIRELLQQMERGLKSADPRDGTGYTGWAGIAV LYLHLYDVFGDPAYLQLAHGYVKQSLNCLTKRSITFLCGDAGPLAVAAVLYHKMNNEKQAEDCITRLIHL NKIDPHAPNEMLYGRIGYIYALLFVNKNFGVEKIPQSHIQQICETILTSGENLARKRNFTAKSPLMYEWY QEYYVGAAHGLAGIYYYLMQPSLQVSQGKLHSLVKPSVDYVCQLKFPSGNYPPCIGDNRDLLVHWCHGAP GVIYMLIQAYKVFREEKYLCDAYQCADVIWQYGLLKKGYGLCHGSAGNAYAFLTLYNLTQDMKYLYRACK

FAEWCLEYGEHGCRTPDTPFSLFEGMAGTIYFLADLLVPTKARFPAFEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 45.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 006046





Locus ID: 10314

UniProt ID: O43813, Q53TN2

RefSeq Size: 4620 Cytogenetics: 2q34 RefSeq ORF: 1197

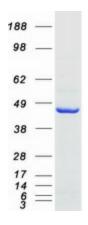
Synonyms: GPR69A; p40

Summary: This gene encodes a loosely associated peripheral membrane protein related to the LanC

family of bacterial membrane-associated proteins involved in the biosynthesis of antimicrobial peptides. This protein may play a role as a peptide-modifying enzyme component in eukaryotic cells. Previously considered a member of the G-protein-coupled receptor superfamily, this protein is now in the LanC family. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified LANCL1 protein (Cat# TP305279). The protein was produced from HEK293T cells transfected with LANCL1 cDNA clone (Cat# [RC205279]) using MegaTran 2.0 (Cat# [TT210002]).