

Product datasheet for PH305279

OriGene Technologies, Inc.

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LANCL1 (NM_006055) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: LANCL1 MS Standard C13 and N15-labeled recombinant protein (NP_006046)

Species: Human
Expression Host: HEK293

Expression cDNA Clone

ne RC205279

or AA Sequence: Predicted MW:

45.3 kDa

Protein Sequence: >RC205279 protein sequence

Red=Cloning site Green=Tags(s)

MAQRAFPNPYADYNKSLAEGYFDAAGRLTPEFSQRLTNKIRELLQQMERGLKSADPRDGTGYTGWAGIAV LYLHLYDVFGDPAYLQLAHGYVKQSLNCLTKRSITFLCGDAGPLAVAAVLYHKMNNEKQAEDCITRLIHL NKIDPHAPNEMLYGRIGYIYALLFVNKNFGVEKIPQSHIQQICETILTSGENLARKRNFTAKSPLMYEWY QEYYVGAAHGLAGIYYYLMQPSLQVSQGKLHSLVKPSVDYVCQLKFPSGNYPPCIGDNRDLLVHWCHGAP GVIYMLIQAYKVFREEKYLCDAYQCADVIWQYGLLKKGYGLCHGSAGNAYAFLTLYNLTQDMKYLYRACK

FAEWCLEYGEHGCRTPDTPFSLFEGMAGTIYFLADLLVPTKARFPAFEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

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

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

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

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 006046

RefSeq Size: 4620 RefSeq ORF: 1197

Synonyms: GPR69A; p40

Locus ID: 10314



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UniProt ID: <u>043813</u>, <u>Q53TN2</u>

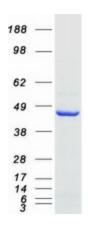
Cytogenetics: 2q34

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]).