

Product datasheet for PH321967

LCE3C (NM_178434) Human Mass Spec Standard

Product data:

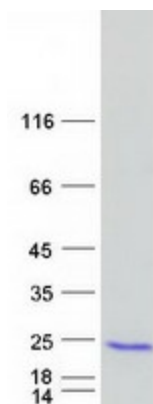
Product Type:	Mass Spec Standards
Description:	LCE3C MS Standard C13 and N15-labeled recombinant protein (NP_848521)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221967
Predicted MW:	9.7 kDa
Protein Sequence:	>RC221967 protein sequence Red =Cloning site Green =Tags(s) MSCQQNQQQCQPPSPKCPPKSPAQCLPPSSDCALSSGGCGPSSSESGCCLSHHRHFRSHQCRQRQRS NSCDRGSQQGGGSCRGHGSGGCC TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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_848521
RefSeq Size:	425
RefSeq ORF:	282
Synonyms:	LEP15; SPRL3A
Locus ID:	353144
UniProt ID:	Q5T5A8
Cytogenetics:	1q21.3



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Summary:

A structural component of the cornified envelope of the stratum corneum involved in innate cutaneous host defense (Probable). Possesses defensin-like antimicrobial activity against a broad spectrum of Gram-positive and Gram-negative bacteria, both aerobic and anaerobic species. Upon inflammation, may regulate skin barrier repair by shaping cutaneous microbiota composition and immune response to bacterial antigens (PubMed:28634035). [UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified LCE3C protein (Cat# [TP321967]). The protein was produced from HEK293T cells transfected with LCE3C cDNA clone (Cat# [RC221967]) using MegaTran 2.0 (Cat# [TT210002]).