

Product datasheet for PH315298

LCE3B (NM_178433) Human Mass Spec Standard

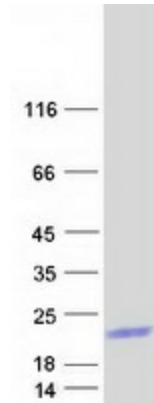
Product data:

Product Type:	Mass Spec Standards
Description:	LCE3B MS Standard C13 and N15-labeled recombinant protein (NP_848520)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215298
Predicted MW:	9.6 kDa
Protein Sequence:	<p>>RC215298 representing NM_178433</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSCQQNQCCQPLPKCPSPKCPPKSSAQCLPPASSCCAPRPGCCGGSSEGGCCLSHRCCRSHRCRRQS</p> <p>SNSCDRGSGQQDGASDCGYGSGGCC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_848520
RefSeq Size:	288
RefSeq ORF:	285
Synonyms:	LEP14
Locus ID:	353143
UniProt ID:	Q5TA77
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 LCE3B protein (Cat# [TP315298]). The protein was produced from HEK293T cells transfected with LCE3B cDNA clone (Cat# [RC215298]) using MegaTran 2.0 (Cat# [TT210002]).