

## Product datasheet for **TP321967M**

### LCE3C (NM\_178434) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human late cornified envelope 3C (LCE3C), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221967 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MSCQQNQQCQPPPSCPSKCPPKSPAQCLPPSSDCALSSGGCGPSSSESGCCLSHHRHFRSHQCRRQRS NSCDRGSGQGGGSCRHGSGGCC  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	9.5 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:	<a href="#">NP_848521</a>
Locus ID:	353144
UniProt ID:	<a href="#">Q5T5A8</a>
RefSeq Size:	425
Cytogenetics:	1q21.3



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RefSeq ORF: 282

Synonyms: LEP15; SPRL3A

**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]).