

# **Product datasheet for TP321967**

#### OriGene Technologies, Inc.

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

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human late cornified envelope 3C (LCE3C), 20 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC221967 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MSCQQNQQCQPPPSCPSPKCPPKSPAQCLPPPSSDCALSSGGCGPSSESGCCLSHHRHFRSHQCRRQRS

NSCDRGSGQQGGGSCRGHGSGGCC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

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:
 NP 848521

 Locus ID:
 353144

 UniProt ID:
 Q5T5A8

RefSeq Size: 425

Cytogenetics: 1q21.3



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RefSeq ORF: 282

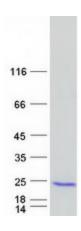
Synonyms: LEP15; SPRL3A

**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]).