

Datasheet for ABIN4938107

Human SPRL1B ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	LCE2B (SPRL1B)
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human LCE2B with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	333 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGTCTTGCC AGCAAACCA GCAGCAGTGC CAGCCCCCTC CCAAGTGTCC TCCAAGTGT ACCCCAAAAT GTCCACCTAA GTGTCCCCCT AAATGCCTGC CCCAGTGCCC AGCTCCATGT TCCCCTGCAG TCTCTTCTTG CTGTGGTCCC ATCTCTGGGG GCTGCTGTGG TCCCAGCTCT GGGGGCTGCT GCAACTCTGG GGCTGGTGGC TGCTGCCTGA GCCACCACAG GCCCCGTCTC TTCCACCGGC GCCGGCACCA GAGCCCCGAC TGCTGTGAGA GTGAACCTTC TGGGGGCTCT</p>

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Product Details

GGCTGCTGCC ACAGCTCTGG GGGCTGCTGC TGA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer:

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: LCE2B (SPRL1B)

Alternative Name: LCE2B ([SPRL1B Products](#))

Background: This gene is one of the at least 20 genes expressed during epidermal differentiation and located on chromosomal band 1q21. This gene is involved in epidermal differentiation, and it is expressed at high levels in normal and psoriatic skin, but not in cultured keratinocytes or in any other tested cell types or tissues. [provided by RefSeq, Jul 2008].

Gene ID: 26239

NCBI Accession: [NM_014357](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Handling

- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)