

Product datasheet for SC315751

LIPK (NM_001080518) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIPK (NM_001080518) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIPK
Synonyms:	bA186O14.2; LIPL2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315751 representing NM_001080518. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGTGGCAGCTTTTAGCAGCAGCATGCTGGATGCTTCTTCTGGATCTATGTATGGTTATGACAAGAAA
 GGAAACAATGCAAACCTGAAGCTAATATGAATATTAGCCAGATTATTTCTTACTGGGGTTATCCTTAT
 GAAGAGTATGATTTACAACAAAGATGGTTATATCCTTGAATTTATAGGATCCACATGGAAGAGGA
 TGCCCAGGGAGGACAGCTCCAAAGCCTGCTGTGATTTGCAGCATGGCTTAATTGCATCTGCCAGTAAC
 TGGATTTGCAACCTGCCAACAACAGTTTGGCTTTCCTTCTGGCAGATAGTGGTTATGACGTGTGGTTG
 GGAACAGCCGAGGAAACACTTGGTCCAGAAAACACCTTAAATTGTCACCGAAATCACCGGAATACTGG
 GCCTTCAGTTTGGATGAGATGGCTAAATATGACCTTCCAGCCACAATCAATTTTATCATAGAGAAAAC
 GGACAGAAGCGACTCTACTACGTGGGCCACTCACAAGGCACCACCATAGCTTTTATAGCATTTTCTACA
 AACCCAGAAGCTGGCTAAAAAGATTAAGATATTTTGGCACTGGCTCCAGTTGTACAGTTAAATACACC
 CAAAGTCTATGAAAAAATAACAACCCTTTCCAGGCGAGTAGTTAAGGTGTTGTTGGTGACAAAATG
 TTCCACCCTCATACATTGTTGACCAATTCATTGCCACCAAGGTGCAATCGAAAGCTATTCCGTCGT
 ATTTGCAGCAACTTCCTATTTACTCTGAGTGGATTTGATCCGCAAACTTAAATATGAGTCGCTTGGAT
 GTTTATTTGTACACAATCCTGCGGGAACATCTGTTGAGAATATGCTGCACTGGGCTCAGGCTGTTAAT
 TCTGGTCAGCTCCAAGCTTTTATTGTTGGGAAACTCTGATCAGAACATGATGCATTCATCAGCTTACA
 CCTCCTTTATACAACATTACTAAGATGGAAGTTCCAACAGCAATATGGAATGGTGGACAGGACATTGTG
 GCTGATCCCAAGGATGTTGAAAATTTACTTCTCAAATTGCTAACCTTATTTATTACAAGCTGATTCCA
 CACTACAATCATGTGGATTTTACCTTGGAGAGGATGCACCTCAGGAAATTTACCAAGACCTAATTATA
 TTGATGGAAGAATATTTACAAAAT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001080518
Insert Size:	1200 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001080518.1</u>
RefSeq Size:	1200 bp
RefSeq ORF:	1200 bp
Locus ID:	643414
UniProt ID:	<u>Q5VXI0</u>
Cytogenetics:	10q23.31
MW:	45.6 kDa
Gene Summary:	Plays a highly specific role in the last step of keratinocyte differentiation. May have an essential function in lipid metabolism of the most differentiated epidermal layers. [UniProtKB/Swiss-Prot Function]