

Product datasheet for MC213103

Lipk (NM_172837) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipk (NM_172837) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lipk
Synonyms:	9930115F20; BC055815; LipI2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213103 representing NM_172837 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTGGTGGCTTTTAGCAACAACATGTTGTGTGCTTCTTCCGGACCCATAGATGGCTATAAGCAAGAAA
 GCATCACAAATCCTGAAGCCAATATGAATATTAGTGAACCTATTTCTTACTGGGGCTATCCTTATGAAAA
 GCATGATGTTATAACAGAGGATGGCTACATCCTTGAACCTACCGGATTCCTCATGGGAAAGGATGCTCA
 AGGAAAACAGCTCCGAAGGCAGTTGTGTATCTGCAGCATGGCTTAATTGCATCTGCCAATAACTGGATTT
 GCAACCTGCCCAACAACAGCTTGGCTTTCTTCTGGCCGATAGTGGTTATGACGTGTGGTTGGGGAACAG
 CCGAGGAAACACCTGGTCCAGAAATCACCTGAGACTGTCACCTAAATCACCGCAATATTGGGCCTTCAGC
 TGGGACGAGATGGCGAAATATGATCTTCCAGCTACAGTCAATCTGATCTTAGAGAAAAGTGGACAAAAGC
 AACTCTTCTATGTGGGCCACTCGCAGGGCACCACCATAGCGTTTCATAGCATTCTCTACGAATCCAGAGCT
 GGCTAAAAAGATTAGGCTGTTTTTCGCACTAGCTCCAGTGGCCACAGTAAAAACACTCGAAGCCCAATG
 AAAAAATTAACCACTTTCCAGGAAAGCTGTCAAGGTATTGTTTGGTGACAAAATGTTCTCCAATCACA
 CGTGGTTTGAACAATTCATCGCTACCAAGGTGTCAACCGGAAGTTATTCATCAGCTATGCAGCAACTT
 CCTGTTTTCTCTAAGTGGATTTGATCCCCAAAACCTTAACATGAGTCGCTTGGATGTTTATCTGTACAG
 AGTCTGCAGGAACATCTGTTTCAAGCATGCTGCACTGGGCCAGGCTGTCAATTCTGGTCAACTCCAAG
 CTTTTGACTGGGGCAACCTGACCAGAACATGATGCACTTCAACCAGCTTACACCTCCTGTGTATAACAT
 CTCTAAGATGCGTGTCCTAACAGCAATGTGGAGTGGAGGACAGGATGTTGTGGCAGATGCTAAGGACACT
 AAAAAATCTGCTGCCTAAAATTGCCAACCTTATCTACTACAAGGAGATTCCACACTACAATCATATGGATT
 TTTACCTCGGACAGGACGCACCCAGGAAGTTTATGGAGACCTAATTAGAATGATAGAAGAATCTTTGCA
 AAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_172837
Insert Size:	1197 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).
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:	<ol style="list-style-type: none"> 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_172837.4, NP_766425.1</u>
RefSeq Size:	2225 bp
RefSeq ORF:	1197 bp
Locus ID:	240633
UniProt ID:	<u>Q8BM14</u>
Cytogenetics:	19 C1
Gene Summary:	<p>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 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the central coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>