

## 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  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC213103 representing NM\_172837  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGGTGGCTTTTAGCAACAACATGTTGTGTGCTTCTTCCGGACCCATAGATGGCTATAAGCAAGAAA  
 GCATCACAAATCCTGAAGCCAATATGAATATTAGTGAACCTATTTCTTACTGGGGCTATCCTTATGAAA  
 GCATGATGTTATAACAGAGGATGGCTACATCCTTGAACCTACCGGATTCCTCATGGGAAAGGATGCTCA  
 AGGAAAACAGCTCCGAAGGCAGTTGTGTATCTGCAGCATGGCTTAATTGCATCTGCCAATAACTGGATTT  
 GCAACCTGCCCAACAACAGCTTGGCTTTCTTCTGGCCGATAGTGGTTATGACGTGTGGTTGGGGAACAG  
 CCGAGGAAACACCTGGTCCAGAAATCACCTGAGACTGTCACCTAAATCACCGCAATATTGGGCTTCAGC  
 TGGGACGAGATGGCGAAATATGATCTTCCAGCTACAGTCAATCTGATCTTAGAGAAAAGTGGACAAAAGC  
 AACTCTTCTATGTGGGCCACTCGCAGGGCACCACCATAGCGTTTCATAGCATTCTCTACGAATCCAGAGCT  
 GGCTAAAAAGATTAGGCTGTTTTTCGCACTAGCTCCAGTGGCCACAGTAAAATACACTCGAAGCCCAATG  
 AAAAAATTAACCACCCTTCCAGGAAAGCTGTCAAGGATTGTTTGGTGACAAAATGTTCTCCACTCACA  
 CGTGGTTTTGAACAATTCATCGCTACCAAGGTGCAACCGAAGTTATTCCATCAGCTATGCAGCAACTT  
 CCTGTTTTCTCTAAGTGGATTTGATCCCCAAAACCTAAACATGAGTCGCTTGGATGTTTATCTGTACAG  
 AGTCTGCAGGAACATCTGTTCCAGAACATGCTGCACTGGGCCAGGCTGTCAATTCTGGTCAACTCCAAG  
 CTTTTGACTGGGCAACCCTGACCAGAACATGATGCACTTCAACCAGCTTACACCTCCTGTGTATAACAT  
 CTCTAAGATGCGTGTCCCAACAGCAATGTGGAGTGGAGGACAGGATGTTGTGGCAGATGCTAAGGACACT  
 AAAAACTGCTGCCTAAAATTGCCAACCTTATCTACTACAAGGAGATTCCACACTACAATCATATGGATT  
 TTTACCTCGGACAGGACGCCACCCAGGAAGTTTATGGAGACCTAATTAGAATGATAGAAGAATCTTTGCA  
 AAATTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_172837
<b>Insert Size:</b>	1197 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_172837.4</a> , <a href="#">NP_766425.1</a>
<b>RefSeq Size:</b>	2225 bp
<b>RefSeq ORF:</b>	1197 bp
<b>Locus ID:</b>	240633
<b>UniProt ID:</b>	<a href="#">Q8BM14</a>
<b>Cytogenetics:</b>	19 C1
<b>Gene Summary:</b>	<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>