

Product datasheet for MC218639

Lipk (BC055815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipk (BC055815) 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:	>BC055815 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTGGTTTTAGCAACAACATGTTGTGTGCTTCTTCCGGACCCATAGATGGCTATAAGCAAGAAA
GCATCACAAATCCTGAAGCCAATATGAATATTGTATGTGTTTTTCAGAGTGAACCTATTTCTACTGGG
CTATCCTTATGAAAAGCATGATGTTATAACAGAGGATGGTTACATCCTTGGAACCTACCGGATTCCTCAT
GGGAAAGGATGCTCAAGGAAAACAGCTCCGAAGGCAGTTGTGTATCTGCAGCATGGCTTAATTGCATCTG
CCAATAACTGGATTTGCAACCTGCCAACAACAGCTTGGCTTTCCTTCTGGCCGATAGTGGTTATGACGT
GTGGTTGGGGAACAGCCGAGGAAACACCTGGTCCAGAAATCACCTGAGACTGTCACCTAAATCACCGCAA
TATTGGGCCTTACAGTGGGACGAGATGGCGAAATATGATCTTCCAGCTACAGTCAATCTGATCTTAGAGA
AAAGTGGACAAAAGCAACTCTTCTATGTGGGCCACTCGCAGGGCACCCACCATAGCGTTCATAGCATTCTC
TACGAATCCAGAGCTGGCTAAAAAGATTAGGCTGTTTTTCGCACTAGCTCCAGTGGCCACAGTAAAAATAC
ACTCGAAGCCCAATGAAAAAATTAACCACCTTCCAGGAAAGCTGTCAAGGTATTGTTTGGTGACAAAA
TGTTCTCCACTCACACGTGGTTGAACAATTCATCGCTACCAAAGTGCAACCGGAAGTTATCCATCA
GCTATGCAGCAACTTCTGTTTTCTCTAAGTGGATTTGATCCCCAAAACCTAAACATGAGTCGCTGGAT
GTTTATCTGTACAGAGTCTGCAGGAACATCTGTTGAGAATGCTGCACTGGGCCAGGCTGTCAATT
CTGGTCAACTCCAAGCTTTTACTGGGGCAATCCTGACCAGAACATGATGCACTTCAACCAGCTTACACC
TCCTGTGTATAACATCTCTAAGATGCGTGTCCCAACAGCAATGTGGAGTGGAGGACAGGATGTTGTGGCA
GATGCTAAGGACACTAAAAATCTGCTGCCTAAAATTGCCAACCTTATCTACTACAAGGAGATTCCACACT
ACAATCATATGGATTTTACCTCGGACAGGACGCACCCAGGAAGTTTATGGAGACCTAATTAGAATGAT
AGAAGAATCTTTGCAAAATTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	BC055815
Insert Size:	1212 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>BC055815</u> , <u>AAH55815</u>
RefSeq Size:	2136 bp
RefSeq ORF:	1211 bp
Locus ID:	240633
Cytogenetics:	19 C1
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 (By similarity).[UniProtKB/Swiss-Prot Function]