

Product datasheet for MC211046

Lipn (NM_027340) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipn (NM_027340) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lipn
Synonyms:	2210418G03Rik; Lip14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211046 representing NM_027340 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCTATGATGTGGCTATTTTTAAACAACGGCTTGTTTGATACCTGGAACCTTAAGCGCTGGTGGATTCT
 TGGATTTTGAAAATAAAGTAAATCCTGAAGTGTGGATGAATGCTAGTGAAATAATCATGTACAACGGCTA
 CCCCAGTGAAGAGTATGACGTCAACCCGAGATGGGTACATTCTCGCCATCAACAGAATCCCCATGGG
 AGAGCACAGACTGGGCAGACAGGACCCCGCCTGTTGTATATGCAACATGCCTTGTTCAGACAATG
 CCTACTGGCTTGAGAATTTGCCAATGGAAGCCTAGGGTTCATACTAGCAGATGCAGGTTATGATGTGTG
 GATGGGAAACAGTCGAGGAAACACTTGGTCAAGAAGACACAAAACCTCTCTCAGCAAATGAAGAGAAATTC
 TGGGCTTTTAGCTTCAATGAAATGGCCAAATATGACCTCCAGGGATAATAGATTTCATTGTGAATAAAA
 CAGGTCAGGAGAAGTTGTAATTCATTGGACATTCACTCGGCACTACAATAGGATTGTAGCCTTTCCAC
 CATGCCTGAACCTGGCGCAAAGAATCAAAATGAATTTGCCTTGGGTCTGTGATCTATTCAAATATCCT
 ACAAGCGTTTTTACCAATTTGTTTCTACTTCCAAAATCCATAATCAAGCTTGTGTTTGGCACCAAAGGTG
 TCCTTTTAGAAGATAAGAATGCAAGGATGTCATTTATCACATTCTGCAACCAAAGCTACTCCAACCAT
 GTGTAGTGAATTTATGTCCTTGTGGCTGGATTCAACAAAAAATATGAATATGAGTCGACTGGATGTG
 TACATGGCCACGCTCCACAGGATCATCAATTCAGAACATGCTGCACATAAAGCAGCTTACCGATCTG
 ATGAATTCAGAGCTTATGACTGGGGAAGTGAAGCTGAAAATATGAATCACTACAACCAAGATTACCTCC
 CTTGTATGACCTGACGGCATGAAGGTACCCACTGCCATTTGGGCTGGTGGACACGATGTGCTCGTAACT
 CCTCAAGATGTAGCCAGGATACTTCCCCAAATTACAAATCTACGCTACTTCAAGCAATTTCCAGATTGGA
 ACCATTTTGATTTGTCTGGGCCTTGATGCCCTCAAAGACTGTACAGTAAATCATAAGTTTGATGAA
 AGAATACTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_027340
Insert Size:	1203 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027340.2, NP_081616.1</u>
RefSeq Size:	1502 bp
RefSeq ORF:	1203 bp
Locus ID:	70166
UniProt ID:	<u>Q3U4B4</u>
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]