

Product datasheet for **MR230102**

Lipi (NM_001252513) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipi (NM_001252513) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lipi
Synonyms:	D930038D03Rik; lpd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR230102 representing NM_001252513
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGAATATACATTTTTCTGTGTTTGATATGCTGGGCAAGATTTGGGTATTTAAATTTTCAGTCGAATA
 CCACTGGAGTTTCTAAAGATCCTGAGAAGAAGAGAACATGTCTTGAATTCACAAAGTTAAGTGCAATGAA
 TAGCTTAAAAGATTTATTTGTCCCAAAGTAAAGATAAATCTGCTGATGACTCAAGGGGCAACGCCAAG
 TGTGCAGAGCCACTCTTTGAATCTAATAACTCAACACCCGTTTCAACCCAGCGAAGAAAACCGTCT
 GGATTATTCATGGGTACAGGCCCTTTGGTTCCACCCAGTGTGGCTTTCTAGGTTTACTAAAGCCTTTT
 GAAACAGGAAGATGTGAATCTCATTGTTGTAGACTGGAACCAGGGCGCTACGACTTTCATGTATTCTAGA
 GCGGTTAGAAATACCAGAAGAGTTGCTGAGATTTGAGAGAAACCATTGAGAATCTTTGATCCATGGGG
 CATCATTGACAATTTTCATTTGATGAGCTTAGGGGCTCATATTAGTGGATTTGTAGGAAAGAT
 ATTTTCATGGTCAACTTGAAGAATTACAGTCTTGACCCAGCTGGACCACAATTTTCTAGAAAGCCATCG
 AATAGCAGATTATATTACACAGATGCAAAGTTTGTAGATGTCATCCACACTGATATCAAAAGTTTGGGTA
 TTGGAGAGCCATCGGGGCACATTGATTTTTATCCAAATGGAGGAAAACATCAGCCAGGTTGTCTACATC
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 GAAACAAGCTGCAACTTTGTTTCATTTCTTGTGCTTCTACAAAGATTACAAGAATGGTTTGTGTGTGG
 ACTGTGGGAATCTTTACAAAGACTCCTGCCAAGACTTGGTAATCAAGCTAAACTATGGAAAAGAGATT
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 GTTATTAATGACCTTGGAGATTTGGAATACTCAACACTCATGAGAAGAGCAAGCCATTTGATAATCT
 TCAAGAAGTCAAGATTTCTTGTTCAGTTCGTAATGACATTGTGAGCATTTCGCGCATTTGCTTGACATAC
 TTTGAGTCCACAATCCTTACTGTGCCGCTGCCAGTACAAAATACAGAGCCTTGTGTTAAAATCACTCA
 CATATCCAGAAAGACCACCAATTTGTAAGTATAATTTGTATTGAAAGAAGGAACAAGGGTAGATCTTCA
 ACCAGATGAATGTAACACGCAGATGGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230102 representing NM_001252513
 Red=Cloning site Green=Tags(s)

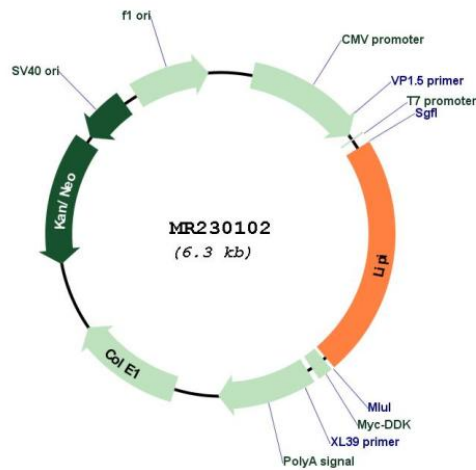
MRIYIFLCLICWARFGYLNFSNTTGVSKDPEKKRTCLEFTKLSAMNSLKDLCFKVVKINLLMYSRGNK
 CAEPLFESNSLNTRFNPAKKTVWIIHGYRPFSTPVWLSRFTKAFKQEDVNLIVVDWNQGATTFMYSR
 AVRNRRAEILRETIENLLIHGASLDNFHFIGMSLGAHISGFVGKIFHGQLGRITGLDPAGPQFSRKPS
 NSRLYYDAKFVDVIHTDIKSLGIGEPSGHIDFYPNGGKHQPGCPTSFSGTNFIKCDHQRAIYLFLLAA
 ETSCNFVSFPCRSYKDYKNGLCVDGGLYKDCSPRLGNQAKLWKEELKKKTEEWPLRTTFLDTSSQNP
 CTYYFALNIVALSETMRNGSISFGLLNDLGDLEYSTLYEKSKPFDNLQEVKILVQFVNDIVSISRICLT
 YFQSTNYPCAACQYKIQSLVYLKSLTYPERPPICKYNFVLKEGTRVDLQDPCNTQME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001252513

ORF Size: 1428 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001252513.1](#), [NP_001239442.1](#)

RefSeq Size: 2082 bp

RefSeq ORF: 1431 bp

Locus ID: 320355

Cytogenetics: 16 C3.1

MW: 54.7 kDa