

Product datasheet for **RR208850**

Lipi (NM_001105899) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lipi (NM_001105899) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lipi
Synonyms:	Liph
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR208850 representing NM_001105899
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGAATATACACTTTTCTGTGTTGGATATGCTGGGTAAGATTTGGGTATTTAAATTTCCATCGAAAA
 GCAATGGAGGGTCTAAAATCCCGAGAATAATAGAACATGCTTGAATTCCAAAGTCAAATGCAATGAA
 TTCTTGAAGATTTATTTATCCACAGTAAAGATAAATCTGCTGATGTAAGGAACAATGCTAAG
 TGTGCAGAACCACTCTTTGAGTCTAATAACTCAGTTAATGCCCGTTTCAACCCATCGAAGAAAACCATCT
 GGATTATTCATGGGTACAGGCCGCTTGGTTCCACCCCAATGTGGATACATAAGTTTACTAAGGCCTTTT
 GAAACAGGAAGATGTGAATCTCATTGTCGTAGACTGGAACCAGGGCGCTACGACTTTTATTTACGGTAGA
 GCGGTTAAAAATACAAGAAAAGTTGCGGAGATTTGAGAGAGTACATTGAAAATCTTTGATCCATGGAG
 CATCTCTTGACAATTTTCATTTTCATTGGCATGAGCTTAGGGGCTCATATTTGTGGCTTTGTAGGAAAGCT
 ATTTCAAGGTCACTTGAAGAATTACAGGCCCTGATCCAGCTGGACAAAATTTTCTGAAAGCCATCA
 AATTGCAGATTAGATTATACAGATGCAAAGTTTGTAGATGTTATCCACTCTGACTCCCAAGGTTTGGTA
 TTCTAGAACCATCGGGACACATTGATTTTTATCCAAATGGTGGGAGAAATCAGCCAGGTTGTCTACATC
 TCTTTTGTGAGGAATGGATTACATTAATGTGACCATCAGCGAGCAGTTCACTTGTCTGGAAGCTTTT
 GAAACAACTGCAATTTTGTTCATTTCCATGTCGTTCTACAGAGATTACAAGAGTGGTTTGTGTGGG
 GCTGTGGGAATCTTTACAAGACTCCTGCCAAGACTTGGTATTCAAGCTAATCTATGGAAGAGGAGTT
 GAAGAAAAAACAGAGGAATGGCCTCTAAGGACCCTGCATTTTGGATACCAGTAGCCAAAATCCATTC
 TGTACTTATTATTTGCTCTCAATATAGTCGCTTGAATGAACTATGAAGAATGGCTCACTTTTCATTTG
 GTTTATTAAGGACCTTGGAGTATTGGAATACCCGAGGCTCTATGTGAAGACCATGCCATTTGCTAATCT
 TCAAGAAGTTAAGATTTCTGCTCAGTTCGTAATGATATTGTGAATATTTCCCGCATTTCCATGACATAT
 TATCAGTCCACAAGTCTTTCTGTCCACATGCGAGTACAGAATAAAGAGTCTCGTGTAAATCTCTCA
 CACATCCAGAAAGACCACCAATTTGTAAGTATGATTTTGTACTTAAAGAAAGAGCCAGGATAGATCTTCA
 ACCAGATGAGTGAAGAAACAGACGGGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208850 representing NM_001105899
 Red=Cloning site Green=Tags(s)

MRIYTFLCWICWVRFYGLNFPSKSNNGSKNPENNRCTLEFSKSNAMNSLKDLYFPTVKINLLMYSRNNAK
 CAEPLFESNNSVNARFNPSKKTIIWIHGYRPLGSTPMWIHKFTKAFKQEDVNLIVVDWNQGATTFIYGR
 AVKNTRKVAEILREYIENLLIHGASLDNFHFIGMSLGAHICGFVGLFQQLGRITGLDPAGPKFSKPKS
 NCRLDYDAKFVDVIHSDSQGFILGPSGHIDFYPNGGRNQPGCPTSLSGMDYIKCDHQRAVHLFLEAF
 ETNCFVSPCRSYRDKSGLCVGCGNLKDCSPRLGIQANLWKEELKKKTEEWPLRTTAFLDTSQNP
 CTYYFALNIVALNETMKNGLSFGLLKDGLVLEYPRLVYKMPFANLQEVKILAQFVNDIVNISRISMTY
 YQSTSPFCPTCEYRIKSLVFKSLTHPERPPICKYDFVLKERARIDLQPDECKKQTG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

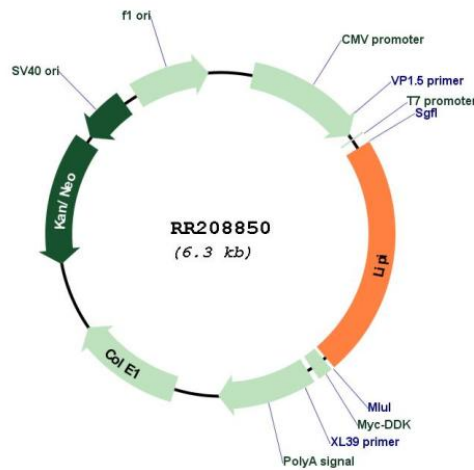
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001105899

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_001105899.1](#), [NP_001099369.1](#)

RefSeq Size: 2071 bp

RefSeq ORF: 1431 bp

Locus ID: 288322

Cytogenetics: 11p11

MW: 54.3 kDa