

Product datasheet for **RC206900**

LIPJ (NM_001010939) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIPJ (NM_001010939) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LIPJ
Synonyms:	bA425M17.2; LIPL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC206900 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATATTAGCCAGATTATTTCTACTGGGGCTACCCTGATGAAGAATATGATATTGTAACCGAAGATG
GTTATATCCTTGGCCTTTATAGAATTCCTATTGGAGGACAGACAATAATAAAATCTAGCTCAGAGGGT
TGTTGTATACTTGCAACATGGTTTGCTTACATCTGCCAGCAGCTGGATTTCCAATCTTCCAACAATAGT
CTGGGCTTCATTCTGGCAGATGCTGGTTATGATGTGTGGATGGGAAATAGCAGAGGAAATACCTGGTCCA
GGAAACACTTGTACCTAGAAACGAGTTCCAAAGAATTCTGGGCTTTCAGTTTTGATGAGATGGCAAATA
TGACCTTCCAGCCTCTATTGATTTCACTGTGAAGCAAACAGACAAGAGGAAATATTTTATGTAGGCCAT
TCACAGGGTACTACTATTGGTTTCATAACATTTTCTACTATATCAAAGATAGCTGAAAGAATCAAATAT
TTTTTGCTTTAGCACCAGTTTTTCCACAAAGTACTTAAAAAGTCCTTTAATTAGAATGACATACAAATG
GAAGTCAATAGTCATGGCTTTTTCAGGCAACAAAGACTTCTTGCTAAAACCTCATTTAAAAATTCGTT
GGTTCAAAGCTGTGTCCACTACAGATTTTGTAAAGATTTGCCTCAATATCTTGTATGATGTTTGGAT
ATGACCCAAAAAAGTAAATATGAGTCGTTTGGATGTGTATTTTACACAACCCAGCAGGAACATCTGT
TCAAAATATGCTTCATTGGAGTCAGCTTTTAAATCTACTCATTTGAAAGCTTATGACTGGGCGAGTCTCT
GATCTGAACCTGGTTTATTATAATCAGACAACGCTCTCATTATACAACATGACAAACATGAATGTGGCAA
CTGCAATTTGGAATGGTAAAAGTGACTTGTGGCTGACCCTGAAGACGTTAACATTTTACATTCTGAAAT
CACAAACCATTTATTATAAACTATTTCTTACTACAATCATATAGACTCTTTGTTGGATTAGATGTC
TATGATCAAGTTTACCATGAAATCATTGATATTATCCAAGACAATCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC206900 protein sequence
 Red=Cloning site Green=Tags(s)

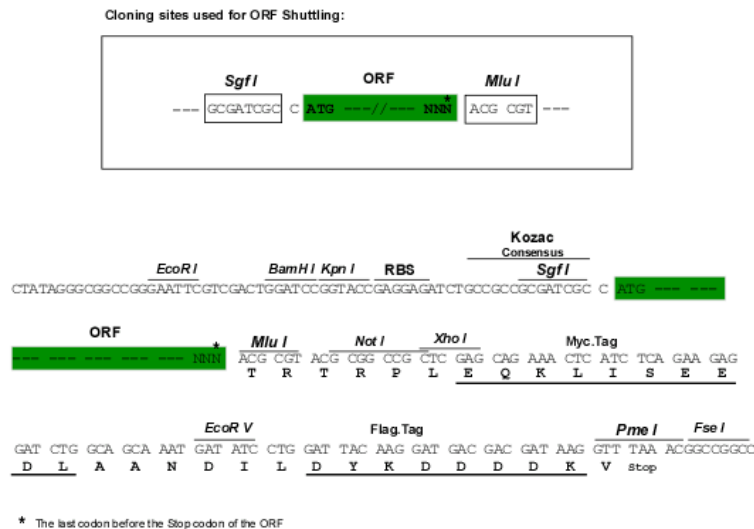
MNISQIISYWGPDEEYDIVTEDGYILGLYRIPYWRTDNNKNLAQRVVVYLQHGLTSASSWISNLPNNS
 LGFILADAGYDVWGMNSRGNTWSRKHLYLETSKEFWAFSFDMAKYDLPASIDFTVKQTRQEEIFYVGH
 SQGTTIGFITFSTISKIAERIKIFFALAPVFSTKYLSPLIRMTYKWSIVMAFSGNKDFLPKTSFKKFV
 GSKLCPLQIFDKICLNILFMMFGYDPKNLNMRLDVYFSDNPAGTSVQNMLHWSQLLNSTHLKAYDWGSP
 DLNLVHYNQTTSPLYNMTNMNVATAIWNKSDLLADPEDVNILHSEITNHIYYKTISYYNHIDSLFGLDV
 YDQVYHEIIDIIQDNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6546_e06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001010939

ORF Size: 1098 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001010939.1](#), [NP_001010939.1](#)

RefSeq Size: 1496 bp

RefSeq ORF: 1101 bp

Locus ID: 142910

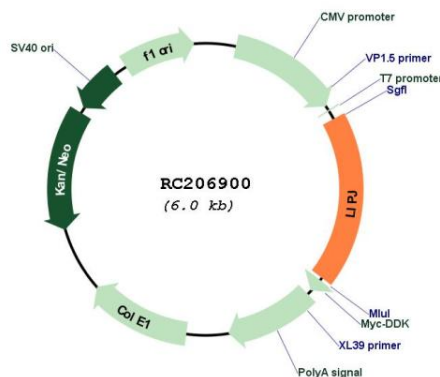
UniProt ID: [Q5W064](#)

Cytogenetics: 10q23.31

Protein Families: Druggable Genome

MW: 42.4 kDa

Product images:



Circular map for RC206900