

Product datasheet for **RG206900**

LIPJ (NM_001010939) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	LIPJ
Synonyms:	bA425M17.2; LIPL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG206900 representing NM_001010939
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATATTAGCCAGATTATTTCTACTGGGGCTACCCTGATGAAGAATATGATATTGTAACCGAAGATG
GTTATATCCTTGGCCTTTATAGAATTCCTTATTGGAGGACAGACAATAAAAAATCTAGCTCAGAGGGT
TGTTGTATACTTGCAACATGGTTTGCTTACATCTGCCAGCAGCTGGATTCCAATCTTCCAACAATAGT
CTGGGCTTCATTCTGGCAGATGCTGGTTATGATGTGTGGATGGGAAATAGCAGAGGAAATACCTGGTCCA
GGAAACACTTGTAACGTAGAAACGAGTTCCAAAGAATTCTGGGCTTTCAGTTTTGATGAGATGGCAAAATA
TGACCTTCCAGCCTCTATTGATTTCACTGTGAAGCAAACCAGACAAGAGGAAATATTTTATGTAGGCCAT
TCACAGGGTACTACTATTGGTTTCATAACATTTCTACTATATCAAAGATAGCTGAAAGAATCAAAATAT
TTTTTGCTTTAGCACCAGTTTTTCCACAAAGTACTTAAAAAGTCCTTTAATTAGAATGACATACAAATG
GAAGTCAATAGTCATGGCTTTTTTCAGGCAACAAAGACTTCTTGCTTAAACCTCATTTAAAAAATTCGTT
GGTTCAAAGCTGTGTCCACTACAGATTTTTGATAAGATTTGCCTCAATATCTTGTATTGATGTTTGGAT
ATGACCCAAAAAATTAATATGAGTCGTTTGGATGTGATTTTTTACACAACCCAGCAGGAACATCTGT
TCAAAATATGCTTCATTGGAGTCAGCTTTAAATCTACTCATTTGAAAGCTTATGACTGGGCGAGTCTCT
GATCTGAACCTGGTTCATTATAATCAGACAACGTCTCCATTATACAACATGACAAACATGAATGTGGCAA
CTGCAATTTGGAATGGTAAAGTGACTTGTGGCTGACCTGAAGACGTTAACATTTTACATTCTGAAAT
CACAAACCACATTTATTATAAACTATTTCTACTACAATCATATAGACTCTTGTGGATTAGATGTC
TATGATCAAGTTTACCATGAAATCATTGATATTATCCAAGACAATCTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >RG206900 representing NM_001010939
 Red=Cloning site Green=Tags(s)

MNISQIISYWGYPDDEYDIVTEDGYILGLYRIPYWRTDNNKNLAQRVVVYLQHGLTSASSWISNLPNNS
 LGFILADAGYDVWMGNSRGNTWSRKHLYLETSSKEFWAFSDEMAYDLPASIDFTVKQTRQEEIFYVGH
 SQGTTIGFITSTISKIAERIKIFFALAPVFSTKYLKSPILIRMTYKWSIVMAFSGNKDFLPKTSFKKFV
 GSKLCPLQIFDKICLNILFMMFGYDPKNLNMRLDVYFSHPAGTSVQNMLHWSQLLNSTHLKAYDWGSP
 DLNLVHYNQTTSPLYNMTNMNVATAIWNGKSDLLADPEDVNILHSEITNHIYKTIISYNNHIDSLFGLDV
 YDQVYHEIIDIIQDNL

TRTRPLE - GFP Tag - V

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: 1513 bp

RefSeq ORF: 1101 bp

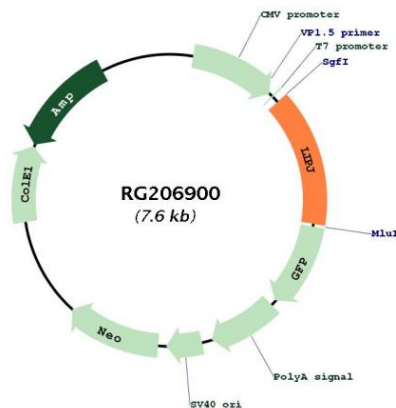
Locus ID: 142910

UniProt ID: [Q5W064](#)

Cytogenetics: 10q23.31

Protein Families: Druggable Genome

Product images:



Circular map for RG206900