

Product datasheet for **RR205840**

Lipt2 (NM_001108917) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Lipt2 (NM_001108917) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Lipt2
 Synonyms: RGD1305211
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR205840 representing NM_001108917
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGCTTCCCCTCCGGTCCGGTCTTTGGCTCGGGAGGGTGCCTACTCTGAGTTGCTGGAGCTGCAGG
 AGCATTGGCTACGGCAGCTACAGGCCGACCCTCGCCCCGGACCCTGTCGGGGACCAAAGCGGGCGTGCT
 CTTGGTCTGCGAGCCAGCGGGCCAGTGTACACGGCGGGCTACGCGCGGCCTGACACCCGAGGAGACT
 ATGCGGCTGAGGGCCCTGGGAGCTGAGGTGCGCGCCACGGGCCGCGGGCGCCTGGCCACTTCCACGGCC
 CGGGACAGCTGCTCTGCCACCCGGTGTGACCTGCGGCTTCTAGGCCTGCGCCTGCGCACCCACGTGGC
 GCGCTGGAGGCGTGCCTGTGCGTCTGTGCGAGCTCCGGGGCCTGCGGGGCGCCCGCGCGGGCCCGC
 CCCTATACTGGCGTCTGGCTAGGCGAGCGCAAGATCTGCGCTATCGGAGTCCGCTGTGGAAGACACATCA
 CATCCACGGCCTGGCTCTGAATTGTTCTACCGACCTCACGTGGTTTGAGCACATCGTGCCTTGTGGACT
 GGTTGGGACTGGAGTCACTTCACTGAGTGAGGCACTTCAGAGACTCGTCACTGTGGATGAAGTAATGCCA
 TCTTTCCTGTGGCCTTCAAGGAGACTTCAAGTGCACGTTAATCTCAGAGGACAGGCCAGC

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR205840 representing NM_001108917
 Red=Cloning site Green=Tags(s)

MSLPAVRLWLGRVHSELLELQEHWRQLQADPRPRTLSGTKAGVLLVCEPAGPVYTGGLRGGLTPEET
 MRLRALGAEVRATGRGGLATFHGPGQLLCHPVLDLRLGLRLRTHVAALEACAVRLCELRLGARARPP
 PYTGVWLGERRKICAIIVRCGRHITSHGLALNCSTDLTWEFHIVPCGLVGTGVTSLSEALQRLVTVDEVMV
 SFLVAFKETFKCTLISED RPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

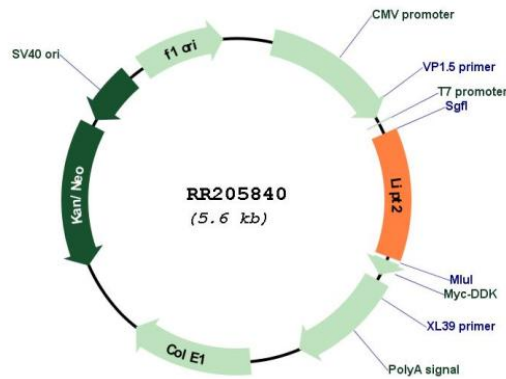
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001108917

ORF Size: 693 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:	<ol style="list-style-type: none"> 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:	<u>NM_001108917.1, NP_001102387.1</u>
RefSeq Size:	1895 bp
RefSeq ORF:	696 bp
Locus ID:	365314
Cytogenetics:	1q32
MW:	25.2 kDa