

Product datasheet for **RR215440**

Lilrb4 (NM_001013894) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lilrb4 (NM_001013894) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lilrb4
Synonyms: Gp49b; GP49B2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215440 representing NM_001013894
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCTCCATGCTCACCATGCTGCTGTACCTTGGTCTCATTTTGAACACAGGACTAAAATACAGGCAG
GACACCTTCCAAGGCCATCATCTGGGCGGAGCCAGGCTCTATGATTGCCATTTATACATCTGTGACTAT
CTGGTGTGAGGGTCTTGGGAGGCCAGAAGTATCATCTGTATAAAGAGGGAAATGTAATCCTTGGGAC
ACTCAACTCCCTCTGAAACCAGGAATAAGGCTAAGTTCAACATTCAATACATGACAACCACTTATGCAG
ACACATATAAGTGTACTATGAGAGTGCTGCTGGTTTTTCAGAGCACAGTGATGCCATGGAGCTGGTGAT
GACAGGAGCCTATACAAATCCCAGCCTGTGAGTCTGGCCAGTCTGATGTGACCTCTGGAGTTCCATA
GCCTTTAAGTGTAGCTCATCCATGGGATTTGGCAGATTCACTCTGATCCAGGACGAAAAGACAGCTTTC
GATGGACCCTGGACTCACAACGACATGACAACCAACCATTCCATGCTACTTTTGTCTGGACTGTTAC
TCCAACCACAATGGAACATTGAGATGCTATGGCTCTTTAGAAATGAACCACATTTGTGGTCAAAATCA
AGTATCCCCTTGTCTCATGGTATCAGAAACCAAGAACAGTCTCCTACACACTGAAGATGCTCAA
GAGATGCCAATTACAATTGACTTCAGGGTTCCAGAAACAACATACAGAGATAGACTCCACCAGGAGAG
CTCCAGCCAGATGCTACCATCAATGAAAAATACCTGTATGCTTCTGTGAAAAACACAATCTGAGGAC
AATGGAGAGCTGGACAGTTGGAACCCACCTGATAAAGACCCCATGGAATTGTGTACGCCAGGTGAAAC
CCTCCAGACTTCGGAAGGATACTACATCTGGAGACCCAAAGAGACCCAGGTTGTAACTACGCCAGTT
GTGCAGCAGGACTCAGGAATATGACAACCGC

ACGGTACGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215440 representing NM_001013894
Red=Cloning site Green=Tags(s)

MISMLTMLLYLGLILEHRTKIQAGHLPRPIIWAEPGSMIAIYTSVTIWCQGSWEAQKYHLYKEGNVNPWD
 TQLPLETRNKAKFNIQYMTTTYADTYKCYYESAAGFSEHSDAMELVMTGAYTNPSLSVWPSSDVTSGVSI
 AFKCSSSMGFGRFILIQDGKDSFRWTLDSQRHDNQPFHATFVLDVTPNHNGTFRFCYGSFRNEPHLWSKS
 SDPLVLMVSETKNQSPHTEDAQRDANLQLTSGVPETTYRDRHLHQKSSSPDATINEKYL YASVKNTQSED
 NGELDSWNPPDKDPHGIYYAQQVPSRLRKDTTTSWRPKETQVVVYAQLCSRTQEYDNR

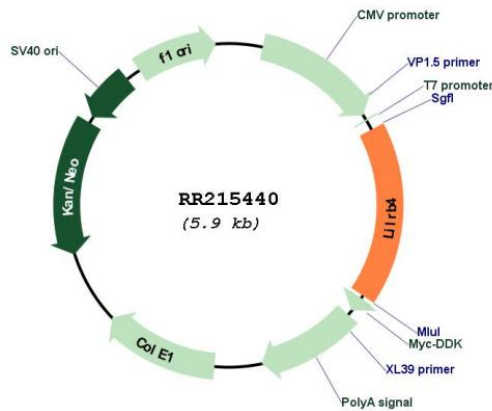
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001013894

ORF Size: 1011 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:	NM_001013894.1 , NP_001013916.1
RefSeq Size:	1152 bp
RefSeq ORF:	1014 bp
Locus ID:	292594
Cytogenetics:	1q12
MW:	38.5 kDa