

Product datasheet for **RR207649**

Lilra5 (NM_001076793) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lilra5 (NM_001076793) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Lilra5
Synonyms: Lilrc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207649 representing NM_001076793
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCTTCATCTTCACAGCCGTGCTCTATCTGGGGCTGAATCTGGGCCAAGAGACCTCGGGTTGGAAG
GGAATCCCACAAGCCAACCCTCAGTGTTCCAGCCAGGATCATTGGTTGCCAGAGGAAGCAGGTGACCAT
CTTATGTGAAGTGACGACAGGGGCCAGGAATACCGTCTTTTTAAAGAGGGGGTCCACATCCTTGGCC
ACAAAGAACAACCTCAAAGGCCACAACAAGGCTCAGTTCTTGATCTCATCAATTGAACAACAACATGGAG
GGATATACCGCTGTTACTATAAGACCCCTTCAGGGTGGTCAGAGCACAGTGATCCTCTAGAGCTTGTAGT
GACAGGACTCTATAGTAAACCCAGCCTATCCATCCAGTCCAGCACTGTGGTGACCTCAGGGGAGACTGTG
ACACTTCAGTGTGTCTCAACTGGGATTTAACAGTTTGTCTGACTAAGGAAGGAGAACAAGGCCGT
CCTTGATCCGGGACTCAGAGTTTATAAAGTCTACTGGCAATTCAGGGCCTGTTTCTATGGCCCTGT
GATCCTCAGCCAGAGGTGGATGTTTACAGATGTTATGGCTATTATGTCAACAGCCCCAAGTGTGGTCAGAA
CCCAGCGATCTCTGGAAATACATGTGTGAGAAGCAGCTCAGCCCTCGGGCTATCACAAACATATCAC
ACCCAAAGACAGTCTCACAGCACCAGGATTACAGATGGAGAATCTCATCAGGATGGGGTGTGAGTCTT
CATTCTTGTGATTCTTGGCATTCTGCTGTTTGAAGCTCAGCATAGCCAAAGACGGACACAACATGCAGCA
GGAAGAGAAAGCAGTACATTTTTTTCATGGTGGCAGAGACCTGGGGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207649 representing NM_001076793
 Red=Cloning site Green=Tags(s)

MTFIFTAVLYLGLNLGQETSGLEGNPHKPTLSVQPGSLVARGKQVTILCEVTTGAQEYRLFKEGGPHWP
 TKNTPKATNKAQFLISSIEQQHGGIYRCYKTPSGWSEHSDPLELVVTGLYSKPSLSIQSSTVVTSGETV
 TLQCVSQLGFNRFVLTKEGEQKPSLIRDSEFINSTGQFQGLFPMGPVILSQRWMFRICYGYVNSPQVWSE
 PSDLLEIHVSEAAQPLGLSPNISHPKTVSQHQDYTMENLIRMGVSVFILVILGILLFEAQHSQRRTQHAA
 GRESSTFFMVAETWG

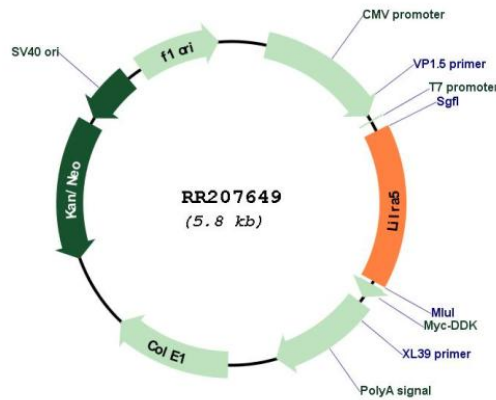
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001076793

ORF Size: 885 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_001076793.1 , NP_001070261.1
RefSeq Size:	1148 bp
RefSeq ORF:	888 bp
Locus ID:	691533
Cytogenetics:	1q21
MW:	32.8 kDa