

Product datasheet for **RC225990**

LRRC15 (NM_001135057) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRC15 (NM_001135057) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LRRC15
Synonyms:	LIB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC225990 representing NM_001135057
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTTTGGACAAGGCTATGCCACTGAAGCATTATCTCCTTTTCTGGTGGGCTGCCAAGCCTGGGGTG
 CAGGGTTGGCCTACCATGGCTGCCCTAGCGAGTGTACCTGCTCCAGGGCCTCCCAGGTGGAGTGCACCGG
 GGCACGCATTGTGGCGGTGCCACCCCTCTGCCCTGGAACGCCATGAGCCTGCAGATCCTCAACACGCAC
 ATCACTGAACTCAATGAGTCCCCGTTTCTCAATATCTCAGCCCTCATCGCCCTGAGGATTGAGAAGAATG
 AGCTGTGCGCATCACGCCTGGGGCCTCCGAAACCTGGGCTCGCTGCGTATCTCAGCCTCGCCAAACA
 CAAGCTGCAGGTTCTGCCATCGGCCTTCCAGGGCCTGGACAGCCTTGAGTCTCTCTCTGTCCAGT
 AACAGCTGTTGCAGATCCAGCCGGCCACTTCTCCAGTGCAGCAACCTCAAGGAGCTGCAGTTGCACG
 GCAACCACCTGGAATACATCCCTGACGGAGCCTTCGACCACCTGGTAGGACTCACGAAGCTCAATCTGGG
 CAAGAATAGCCTACCCACATCTCACCCAGGGTCTTCCAGCACCTGGGCAATCTCCAGGTCTCCGGCTG
 TATGAGAACAGGCTCACGGATATCCCCATGGGCCTTTTATGGGCTTGTAACTGCAGGAACTGGCTC
 TACAGCAGAACCAGATTGGACTGCTCTCCCTGGTCTCTTCCACAACAACCACAACCTCCAGAGACTCTA
 CCTGTCCAACAACCACATCTCCAGCTGCCACCCAGCATCTTCATGCAGCTGCCCGACTCAACCGTCTT
 ACTCTCTTTGGGAATTCCTGAAGGAGCTCTCTCTGGGATCTTCGGGCCATGCCAACCTGCGGGAGC
 TTTGGCTCTATGACAACCACATCTTCTCTACCCGACAATGTCTTCAGCAACCTCCGCCAGTTGCAGGT
 CCTGATCTTAGCCGCAATCAGATCAGTTCATCTCCCGGGTGCCTTCAACGGGCTAACGGAGCTTCGG
 GAGCTGTCCCTCCACACCAACGCCTGCAGGACCTGGACGGGAATGTCTCCGCATGTTGGCCAACCTGC
 AGAATCTCCCTGCAGAACAATCGCCTCAGACAGCTCCAGGGAATATCTTCGCAACCTCAATGGCTC
 CATGGCCATCCAGCTGCAGAACAACAGCTGGAGAACTTGCCCTCGGCATCTTCGATCACCTGGGGAAA
 CTGTGTGAGCTGCGGCTGTATGACAATCCCTGGAGGTGTACTCAGACATCCTTCCGCTCCGCAACTGGC
 TCCTGCTCAACCAGCCTAGGTTAGGGACGGACTGTACTGTGTGTTTCCAGCCAGCCAATGTCCGAGG
 CCAGTCCCTCATTATCATCAATGTCAACGTTGCTGTTCCAAGCGTCCATGTCCCTGAGGTGCCTAGTTAC
 CCAGAAACACCATGGTACCCAGACACCCAGTTACCCTGACACCACATCCGTCTCTTACCCTGAGC
 TAACCAGCCCTGTGAAGACTACACTGATCTGACTACCATTACAGGTCCTGATGACCGCAGCGTTTGGGG
 CATGACCCAGGCCAGAGCGGGCTGGCCATTGCCGCCATTGTAATTGGCATTGTCGCCCTGGCCTGCTCC
 CTGGCTGCTGCGTGGCTGTTGCTGCTGCAAGAAGAGGACCAAGCTGTCTGATGCAGATGAAGGCAC
 CCAATGAGTGT

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225990 representing NM_001135057
 Red=Cloning site Green=Tags(s)

MPLDKAMPLKHYLLLLVGCQAWGAGLAYHGCPSECTCSRASQVECTGARIVAVPTPLPWNAMSLQILNTH
 ITELNESPFLNISALIALRIEKNELSRITPGAFRNLGSLRYLSLANNKLQVLPIGLFQGLDLSLESLLLSS
 NQLLQIQPAHFSQCSNLKELQLHGNHLEYIPDGAFFDHLVGLTKLNLGKNSLTHISPRVFQHLGNLQVLR
 YENRLTDIPMGTFDGLVNLQELALQQNQIGLLSPGLFHNHNLQRLYLSNNHISQLPPSIFMQLPQLNRL
 TLFGNSLKELSLGIFGMPMNLRELWLYDNHISLDPNVFSLNRQLQVILSRNQISFISPGAFNGLTELR
 ELSLHTNALQDL DGNVFRMLANLQNI SLQNNRLRQLPGNIFANVNGLMAIQLNQNLLENLPLGIFDHLGK
 LCELRLYDNPWRCDSDILPLRNWLLNQPRLGDTVPVCFSPANVRGQSLIINVNVAVPSVHVPEVPSY
 PETPWYPTPSYPTTSSVSTTELTSPVEDYTDLTTIQVTDDRSVWGMTQAQSGLAIAAIVIGIVALACS
 LAACVGCCKKRSQAVLMQMKAPNEC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001135057

ORF Size: 1761 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.

RefSeq: [NM_001135057.1](#), [NP_001128529.1](#)

RefSeq ORF: 1764 bp

Locus ID: 131578

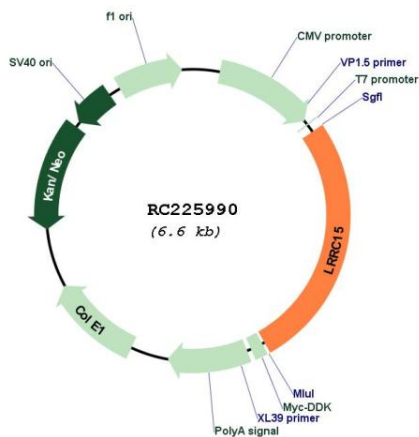
UniProt ID: [Q8TF66](#)

Cytogenetics: 3q29

Protein Families: Transmembrane

MW: 64.8 kDa

Product images:



Circular map for RC225990