

## Product datasheet for **MR209087**

### Lrrc15 (NM\_028973) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc15 (NM_028973) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc15
Synonyms:	5430427N11Rik; LIB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209087 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCGCTGAAACATTATCTCCTTTTGGCTGGTGGAGCTGCCAGGCCTGGGCTGCAGGTTTGGCCTACTATG  
 GCTGCCCCAGCGAATGTACCTGTTCCCGGGCCTCCCAGGTAGAGTGCACAGGGGCACAAATTGTGGCGAT  
 GCCTTCCCTCTGCCCTGGAATGTATGAGCCTGCAGATCCTTAACACACACATACCCGAACCTCCCGAG  
 GACAAGTTCCTCAACATTTAGCCCTCATCGCCCTGAAGATGGAGAAGAACGAGCTGGCCAAACATCATGC  
 CAGGTGCCTTCCGCAATCTGGGCTCGTGCCTCACCTCAGCCTTGCCAACAACAACTAAAGAACCTGCC  
 CGTTAGGCTCTTCCAGGATGTGAACAATCTGGAGACCCTCTGCTGTCCAATAACCAGCTGGTGCAGATC  
 CAGCCGGCCAGTCTCCAGTTTAGTAATCTTAAGGAACCTCAGTTGTATGGCAACAATCTGGAATACA  
 TCCCCGAAGGAGTCTTTGACCACCTGGTAGGTCTACCAAACCTCAACCTGGGCAACAACGGCTTACCCA  
 CCTATCCCTAGGCTCTTCCAGCATCTGGGCAACCTCCAGGTGCTTCGGCTATATGAGAACAGGCTTTCA  
 GACATCCCATGGGCACCTTTGATGCACCTTGGCAACCTCCAGGAGCTGGCCCTCCAAGAGAACCAGATTG  
 GCACCCTCTCCCTGGCTTGTCCACAATAACCGTAACCTCCAGAGACTGTATCTATCCAACAACCAT  
 CTCACATCTGCCCTGGCATCTTCATGCAGCTGCCCCACCTTAACAAGCTCACACTCTTTGGGAATTC  
 CTGAAGGAGCTTTCCCGGGGTCTTTGGGCCATGCCAACCTGAGGGAGCTTTGGCTCTACAACAATC  
 ACATTACCTCCCTCCCTGACAATGCCTTCAGCCACCTGAACCAAGTTGCAGGTTCTGATTCTTAGTCACAA  
 CCAGCTCAGTTACATCTCCCAGGAGCCTTCAATGGGCTGACGAATCTCCGAGAAGTGTCCCTCCACACC  
 AATGCTCTACAGGACCTGGATGGGAATGTCTCCGATCACTGGCCAACCTGAGGAACGCTCACTCCAGA  
 ATAACCGCCTTCGACAGCTCCCTGGCAGCATCTTCGCCAACGTCATGGTCTCATGACCAACCACTGCA  
 GAACAACAATCTAGAGAAGTTCCTCTGGGCATCTTTGATCACTTAGGGAACCTGTGTGAGCTTCTGCTC  
 TATGACAACCCCTGGAGATGTGACTCAAACATCTCCCACTTCATGACTGGCTCATTCTCAACAGAGCCA  
 GTTTGGGACAGACACTTCCAGTGTGTCCAGTCCAGCCAGTGTCCGAGGCCAGTCCCTTGTGCATCAT  
 CAATGTCAATTTCCCTGGACCCAGTGTCCAGGGCCAGAAACCCCTGAAGTATCTAGCTACCCAGATACA  
 TCCAGCTATCCTGACAGCACATCCATTTCTTACCACAGAGATCACCAGGTCTACCGATGATGACTACA  
 CCGATCTAAACACCATCGAACCCATTGATGACCGCAATACATGGGGCATGACTGATGCCAGAGTGGGCT  
 GGCCATTGCTGCCATTGTGATTGGCATCATAGCTTTGGCCTGTTCCCTCGCTGCCTGTATCTGCTGCTGC  
 TGCTGAAAAAGAGGAGCCAGGCAGTCTGATGCAGATGAAGGCTCCCAATGAGTGC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209087 protein sequence  
 Red=Cloning site Green=Tags(s)

MPLKHYLLLLVSCQAWAAGLAYYGCPSECTCSRASQVECTGAQIVAMPSPLPWNAMSLQILNTHITELPE  
 DKFLNISALIALKMEKNELANIMPGAFRNLGSLRHLSLANNKLNLPVRLFQDVNNLETLLLNNQLVQI  
 QPAQFSQFQSNLQELQYGNLEYIPEGVFDHLVGLTKLNLGNNGFTHLSPRVFQHLGNLQVLRLEYNRLS  
 DIPMGTFDALGNLQELALQENQIGTLPGLFHNNRNLQRLYLNNHISHLPPGIFMQLPHLNKLTGNS  
 LKELSPGVFGPMPNLRWLYNNHITSLPDNAFSLNQLQVLIILSHNQLSYISPGAFNGLTNLRELSLHT  
 NALQDLQDGNVFRSLANLRNVSQNNRRLQPLPGSIFANVNGLMTIQLQNNNLENLPLGIFDHLGNLCELRL  
 YDNPWRCDNIPPLHDWILNLRARLGTDLPCVSSPASVRGQSLVIINVNFPGPSVQGPETPEVSSYPDT  
 SYPDSTISSTTEITRSTDDDYDLNLTIEPIDDRNTWGMTDAQSGLAIAAIVIGIIALACSLAACICCC  
 CCKKRSQAVLMQMKAPNEC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_028973

**ORF Size:** 1740 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\\_028973.2](#), [NP\\_083249.1](#)

**RefSeq Size:** 5323 bp

**RefSeq ORF:** 1740 bp

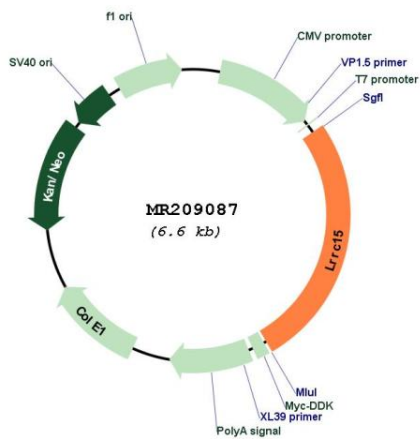
**Locus ID:** 74488

**UniProt ID:** [Q80X72](#)

**Cytogenetics:** 16 B2

MW: 64.2 kDa

Product images:



Circular map for MR209087