

Product datasheet for **RR212908**

Lrrc17 (NM_001025155) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Lrrc17 (NM_001025155) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Lrrc17
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR212908 representing NM_001025155
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGCGTGGCGCCATCTTGCTTCTGTTCTGCCTTTGCAGAAGTCTGAGCCTCGCAAGCCAGCCCCG
 GGGCTTTGAGAAGCCAAGGCCATCCCAGCCGAGCCGAGCAGGTTGGCGGCAGGAGAGGCTC
 CAGCCCGGTCAAACGCTACGCGCCAGGCCTTCTTGCATGTGTACACATATCTCCACGAGAAATACCTC
 GACTGCCAAGAAAAGGAACTAGTCTACGTGTTACCCGACTGGCCTCAGGATTTGCTGCACATGCTGCTAG
 CAAGAAACAAAATCCGAGTGTGAAGAACAACATGTTTTCTAAGTTAAAAGGCTCAAGAGCCTGGACCT
 GCAGCAGAACGAGATCTCCAAAATTGAGAGCGAGGCGTCTTTCGGTTAAATAAGCTTACCACGCTCTTG
 CTGCAGCACAACCAGATCAAGGTGCTGACAGAGGAGGTGTTTACATTTACACACCTCTCCTGAGCTACCTGC
 GCCTTTACGACAACCCCTGGCACTGCGCTTGTGAGCTAGAGACTCGTTTCCATGCTGCAGATTCCACG
 GAACCGGAATTTGGGAACTACGCCAAGTGCAGGAAAGCCACCAGCACTGAGAAAATAAAAGTTGCTGCAG
 CTAAGCCCAAGAGCTATGTGATGAAGAGGAGAAGGAGCGACTGGACCCCATACCCCAAGTATCGGGG
 TACCCGAGTCAACAGGCCGGAAGCAGACTCCACTCTGTGCCACAATTACGTGTTTCCCATACAACGCT
 GGACTGCAAGAGGAAAGAGCTGAAGAAAGTCCCAACAACATCCCGCCAAACATTGTTAAGCTGGACTTG
 TCATACAACAAAATCAGCCAGCTCCGGCCCAAGGAGTTTGAAGACGTTTACGAACTCAAGAGTTAAATC
 TGAGCAGCAATGGCCTGGAGTTTATAGACCCTGCTGCCTTTTATAGGGCTCATACCTTAGAAGAGCTCGA
 CTTGTCAAACAACAGCCTGCAGAGCTTTGACTACGGGGTGTAGAGGATCTGTACTTTCTGAAACTCCTA
 TGGCTCAGAGACAACCCCTTGAGGTGCGACTACAGCATCCACTACCTCTACTACTGGTTAAAGCACCCT
 ACAACGTCCTACTACAACGGTCTGGAATGCAAAACGCCAGGGAATACAAAGGGTGGTCCGTGGGGAAGTA
 CGTTCGGAGTTACTATGAAGAATGCCCCAAGACAAGCTGCCGGCATACCTGAGACGTTTGACCAGGAC
 ACAGAAGACGATGAGTGGGAAAAATACACAGAGATTACCCGGCCAAGAAGCATAGAGTCAGAATACCA
 TAGTGGGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR212908 representing NM_001025155
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MRVAAILLLFCLCRTAEPKRPSPGALRSQGHPSRSRSSRAGGGRRGSSPVKRYAPGLPCDVYTYLHEKYL
 DCQERKLYVYLPDWPQDLLHMLLARNKIRVLKNNMFSKFKRLKSLDLQQNEISKIESEAFFGLNKLTTLL
 LQHNQIKVLTTEVFYITPLL SYLRLYDNPWHCACELETLV SMLQIPRNRNLGNYAKCGSPPALRNKLLQ
 LKPQELCDEEEKERLDP IQVSGVPAVIRPEADSTLCHNYVPFIQTL DCKRKELKKVPNNIPPNI VKLDL
 SYNKISQLRPKEFEDVHELKKNLSSNGLEFIDPAAFLGLIHLEELDLSNNSLQSFYDYGVL EDLYFLKLL
 WLRDNPWRCDYSIHLYYWLKHHYVHYNGLECKTPEEYKGSVGYVRSYYEECPKDKLPAYPETFDQD
 TEDDEWEKIHRDYPKAKHRVRITIVG

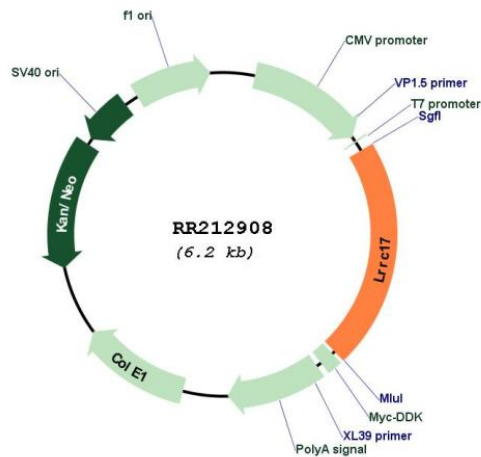
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001025155
ORF Size:	1338 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_001025155.2 , NP_001020326.1
RefSeq Size:	2071 bp
RefSeq ORF:	1341 bp
Locus ID:	502715
Cytogenetics:	4q11
MW:	52.1 kDa