

Product datasheet for **RN217071**

Lrrc32 (NM_001170434) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc32 (NM_001170434) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc32
Synonyms:	Garp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217071 representing NM_001170434
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCTACCAGATCCTGATACTCTGGCCATGCTGACCTGGGCTGGCTATCTCTCAGCGCCGAGACC
AAGTGCCCTGTAGGACGGTGAACAAGGAGGCCTTGTGCCACGGCCTCAGCCTGCTTCAGGTCCCCTCGGT
GCTCTCATTGGACATCCAAGCTCTCTACTTGTCCGGGAACCGGCTGCAGAGCATCCTGGTCTCCCGTTG
AGCTTCTATACAGCACTTCGCCACCTGGATTTAAGTGACAACGAGATTAGCTTCTCCAGCCGGGGTCT
TCCAGGCCCTGCCCTACCTGGAGCACCTCAACCTGGCCACAACCGGCTTCCCGCGGGCATGGCATTGAA
CAGTGGTGGTCTGGGCCCTTGCCCTTGTGGTCTCCCTGGACCTGTCTGGGAACAGCCTGCATGGCAGT
CTGGTGGAGCGGCTGTTGGGTGAGGCTCCGAGGCTGCGCACGCTCTCCCTGGCAGAGAACAGCCTCACTC
GCCTGGCAGCCACACCTTCTGGGGTATGCCAGCCATGGAGCAACTGGACCTTACAGCAACGCTCCTGAT
GGACATTGAGGATGGTGCCTTTGAGGCCCTGCCCAGCTGACTCACCTCAATCTCTCCCGCAACTCCCTC
ACGTGCATCTCGACTTACGCTCCAGCAGCTGCAGTACTTGACCTGAGCTGCAACAGCATTGAGACCT
TCCAGACGGCCCCAGAATCACAGGCCAGTTCAGCTGGCCTGGCTTGACCTACGGGAGAACAAGCTGCT
CCACTTCCCTGACCTGGCCATGTTCCCCAGACTCATCTACCTGAATGTGTCTAACAACTCATCCAGCTC
CCTACAGGGCTGCCCCAGGACAGCGAGGACCTCCATGCACCGTCGGAAGGCTGGTCAGCCTCTCTACTGT
CCAACCCAGTCGGAATGCCAGCATCCACCCCTCTCCAGCTCCTAACTGGACCTGAGTTACAATGA
GATTGAATTGGTCCCTGCTGGCTTTCTTGAGCATCTGACCTCCCTGCGCTTCTCAACCTCAGCAGAAAC
TGTCTTCGATCCTTTGAGGCTCGGCGAGCGGGCTCCCTGCCCTGCCTGGTACTTCTGGACTTGAGCCACA
ATGTGCTGGAAGGTTAGAAGTGGTACCAAAGTCTGGGGTCCCTGAAGACATTGCTTCTGCAGGACAA
CACCTTTCGAGAACTTCCACCTACACCTTTGCTGGCCTGGCCAGCCTGCAGAGGCTCAACCTACAGGGA
AACCGAGTCAGCCCTGTGGGGACAAGCAGAGCCAGGTCACCCAGGCTGTGTGGACTTCTCTGGGATCC
CCACCTCCATTTTCTTAACATGGCGGGAACTCGATGGAACACTCAGGGCAGGCAGCTTCTCCACAC
CCCCTTACTGAGCTGGACCTCTCTGCCAATCCTGGTCTGGATGTGGCCACGGGAGCCTTGGTGGCCTG
GAGGCATCCTGGAGGCTCTGGAGCTTCAAGGCAACGGGCTGGTGGTACTGAGAGTAGACTTGCCTGCT
TCCGTCGCTCAAGCGCCTAACCTTGTGAGAACCGCTTAAGCCACCTGCCTGCTTGGACACGGGCTGT
GTCCTGGAGGTGCTGGATCTGCGGAACAACAGCTTCAGCCTCTTCCCGGCAATGCCATGGTGGCCTG
GAGACCAGTCTCCGGCGGCTGACTTGCAGGAAATCCACTCAGCTGCTGCGGCAATGGCTGGCTGGCGG
CCCAGTTGACACAGGGCCGAGTGGATGTGGACGCCACTCAGGACCTCATCTGCCGCTTCGGCTCCCAGGA
GGAGGTGTCCCTGAGCCTAGTGGTCCAGAGGACTGTGAGAAGGGGGGGCTGAAGAATGTCAACCTCATC
ATCATCTTAGCTTACACTGGTCTCCGCCATAGTCTTACCACGCTGGCCACCTGCTGCTTCTCCGCA
GGCAGAAGCTCAGCCAACAGTACAAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170434

Insert Size: 1992 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).</p>
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001170434.1, NP_001163905.1</u>
RefSeq Size:	3953 bp
RefSeq ORF:	1992 bp
Locus ID:	293135
Cytogenetics:	1q32