

Product datasheet for **RN201202**

Lrrc56 (NM_001024902) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc56 (NM_001024902) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc56
Synonyms:	RGD1311654
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201202 representing NM_001024902
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCCAGCCTGGGATGGATCCCAGGGGTCTCGACCAGGCACAGCTAGTATCCGGGTACGGGAGCTGA
 GCTGGCAGGGCCTAAACAACCCCAACCAAAAACAAGAGACTGGGCAGCCATGGGGATATCTACAGGGA
 GCGGCGGGTGGAGGAGCATCTATCCCCTGCACGACTGCAGGCCCTGGCCAGGTAGATGACCTCCAACTG
 GTGAGGGTCTGGAGATGTGTGTGGACCCCGTAAGAACAGCCTGGGAACTTCGGAATGCACCTTCCTA
 ACCTGATCCAAGCTGAAGCTGAACCACAGCTGCCTGGGCTCCCTCAGAGACCTGGGCACCTTCTCTGGCCA
 ACTGCAGGTGCTGTGGCTGGCTCGCTGTGGCTGACTGACTTGGATGGCATTGGCTCCTTCTGGCACTG
 AAGGAACCTTATGTCTCCTACAACAACATCTCGGACCTGAGCCACTGTGTCTGTGGAGCAGCTGGAGG
 TGCTGGACCTTGAGGGCAACAATGTGGAGGACCTGGGGCAGATGCGGTACCTACAGCTGTGCCACGCTT
 GACCACGCTTACATTGGAGGGGAATCTAGTGTGCCTGAAGCCAGACCCTGGCCCTCTAACAAAGGCACCT
 CAGGACTACAACCTACAGAGCAGAGGTAAGAAGCTCATCCCCAGCTCCTATATCCTAGATGAGGTACCCA
 CCACATGCACCAACTTGCTGCTCCCCAGAAGCTGAGCCAGGACTGGCTGATGGTGAAGGAGGCCATCAA
 GGAAGGCAACGTGCTTGACATTCTCTGCTCGGCTGGAGTGTCCCATGGAGCCACCATTCGGAATTT
 GACCCAACCTTGCTGTGCTGAGACCCAGCCATGGGCCCTGTCCCTGCTGGTCCCTGAGGGCCCTTGC
 CTGAAGGTCTGCTTTCTGAGAACCCAGCCGAGAAAGACCTGCCAGCAACCTCACCCATGGTCTGGTCA
 AGTTCTCTGTGGGAACCCACCAAAGGCCTACGGGAACGTAGAAACCAGTACCAGGAATGGGCACCCCTG
 GAACAGCTGCCCCACATAGGCCAGATCTGGCCATCAGACCCTCCACCCTAAGGCCTGACCCTGCAGAAA
 GCTGTGACCTGTCAATGACTGGGCTTCGGGCTGGAGGGAACCTGGCCTGCGTCTTCTCCAAGACA
 GCTGGAGTTCCAACAGGAAAGACTTACTCATGTCCAGGCCAGGACCCACAGAAGGCTCCTATAGAACAG
 GAAGACCAGACTGGACCAAGACTTCCCTAACCCGCTACGCCTGGCCTCAGAACCTTCCAGGACATCAG
 GCTTTCACCTTGATCCCTTCTCCCCAAAGTACCCAATGCCACCTGAGTCAGGCATCAGTTCCTGGGGAG
 ATCTGCAGACCTACCTTCAGAGGACGTAGGCTGAGAGTCTGGGCAGCTTGGGGCTAGCCTGGGTGAG
 GGGTCTGTCTGGGTGAGAGGTTGGCCTTGGAGCCCTGGAGGTGTCTCAGACCCAGCCATCGAGCCC
 AGGGATGTCCAGATCCCAAGCCATCACTAGGCCCGCAACTTGTCTCTAGGGCTCCACTGCCTCCATCA
 CCTGAACCCTATCCCTCCAGCCATCCTTCCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024902

Insert Size: 1647 bp

OTI Disclaimer: 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).

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_001024902.1](#), [NP_001020073.1](#)

RefSeq Size: 2154 bp

RefSeq ORF: 1647 bp

Locus ID: 365389

UniProt ID: [Q4V8C9](#)

Cytogenetics: 1q41

Gene Summary: Required for the assembly of dynein arms.[UniProtKB/Swiss-Prot Function]