

Product datasheet for **MC203103**

Lrrc6 (NM_019457) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc6 (NM_019457) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc6
Synonyms:	LRTP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC046277
 GGCGCAGCTGCTAGGGCTGAGGGAATCCTGCCTGCCGGTCTCCCTGTTTCCCTGACCAGAGATCCAGAA
 AAGCACCATGGGCCGAATCACAGAAGATCTTATTAGACGGAATGCTGAGCACAATGACTGTGAATTTTT
 TCCCTGGAGGAATCTCCTTGCATCAGCAAGAAATAGAAAGGCTAGAACATATTGACAAATGGTGCCGGG
 ACTTAAAAATTCTCTATCTTCAAATAACCTCATTGAAAAATTGAAATGTTAGCAAATGAAGAACT
 TGAATATTTGAACTTAGCATTGAACAACATTGAAAGAATTGAAACTTGAAGGATGTGAGTGGCTGACA
 AAACCTTGACTTGACTGTAATTTTATTGGAGAACTGAGCAGCGTTAAACCCCTGACACACAATATTCATC
 TGAAGGAGTTGTTCTCATGGGTAACCCATGTGCTGACTTTGATGGCTACAGGCAGTTTGTGGTGGTGAC
 CTTACAACAGTTAAAGTGGTTGGATGGCAAAGAAATAGAGCGTTCTGAAAGGATCCAGGCATTGCAGAAC
 TACACATCAGTTGAGCAGCAATCAGAGAGCAGGAGAAAGCTTACTGCCTTAGACGAGCCAAAGAGAAAG
 AGGAAGCTCAGAGGAACTCGAGGAAGAAATGAAAGTGAAGACAAGAAGAGCAGCAGGCTTTGA
 TGGGCATTGGTACACAGACATCCACACTGCTTGCCCATCTGCCACAGAAAACCAAGACTACCCCAAGGTA
 CCAGAACTCAAGAAGAGCAACACAACAAAAGGAATCAGATGACATTGAAGATGATCTGGCATTCTGGA
 ACAAACCGTCTTTGTTACCCCTGAATCTAGACTGGAACTCTCAGACACATGAAAAACAGCGAAAAGC
 CCAAGATAAGTTAAGTGAAGAAAAAGAAAGCGAAACCACCCGCACTTTGATTACAGAAGATGGGAAA
 GTCCTGAATGTCAACGAAGCCAACTTGATTTCTTTGAAAGATGATGAGAAACACAATCAGATCATCC
 TGGACCTGGCTGTCTATAGGTACATGGATACCTCTTTGATTGAGGTTGATGTGCAGCCAACCTTACGTTCTG
 AGTAATGGTCAAAGGAAAGCCATTTCAACTTGCCCTTTCTACAGAGGTCCAGCCTGACCGCAGCTGTCT
 AAAAGGTCCCAGACAACAGGACATTTGCTGATCTGCATGCCCAAGGTAGGAGAAATGATCACAGGAGGTC
 AACGAACACCCACGTCTGTGAAAACCACTCACTAGTAGCAGGGAACAAACAAACCCAGAAAAAGCA
 GATAGAAAGATTGGAAGTTGACCCAGCAAGCATTCTTGCCCTGATGTGTCTACCATAGTACAAGAGAAA
 AGACACAGACCCAAAAGAATGGAATCTCAACCCGAGATGAACCCAGTGAGGAAGATCCAGACTTTGAGG
 ATAACCCAGAAGTGCCTCCACTAATTTGAAATAGGAGGCTGTGTTGTCATTGACCCTGACCCACAGACTC
 ATGTTGCTTGGTGTGACAGTGGCTATGTGTCATTGAGTAAACATAGTTTATTATCATTTTTACCT
 GATGCTATAATGCTTTCCATGCATTGTAATATATTTGAGTTTACAATTAATTGCATACCTTAAATATGC
 TATAACTTATCACTCATCTATAATTGAACTTCGAGCTTAAAAATGTGAAGTAATTTAATAGAACTACGAC
 ATTCAACATTAAGAATAAGTCATTTAGTCTTCACTTATGCAATAGATTGTGTTATATGAAAAAGGCTTTT
 AGCAAATTGTTCAAACCTCAGAAGTTAAACTGTACTCTCAGGTCGAACGAAAATGCCCTGACATGATTTT
 AAATAGTATTTTTTTATTTTCTTCTCACGTTTCTGCTTTCTCTAGTGGCATGATGTAATGGCAAGAATA
 AGAACTTTGACATTAGATTTCTGTATTTAGATTCTGCTGAGTCACTGAATAAAGACTTTCAGCTGGTC
 CTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019457

Insert Size: 1422 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC046277</u> , <u>AAH46277</u>
RefSeq Size:	2068 bp
RefSeq ORF:	1422 bp
Locus ID:	54562
UniProt ID:	<u>O88978</u>
Cytogenetics:	15 D1
Gene Summary:	May play a role in dynein arm assembly, hence essential for proper axoneme building for cilia motility.[UniProtKB/Swiss-Prot Function]