

Product datasheet for **MC206357**

Lrrc45 (BC023296) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc45 (BC023296) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc45
Synonyms:	MGC30595
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023296
 CGCGAGGAACCGCTCTGCCACACCAGCGACCCGAGGCTACGTCGCGAGGGCGGGCTGGGGGCCACAGG
 GCCAGACTAGGGGGCATGCTTGCAGGGCTCCGTGAGCATTGCGGGACATGGAGGAGTTCCGGCGCTCCTA
 CAACCGCCTCTGCGAGGAGAGTGGGGCTGAGCCCCAGGAGGCTGTTCTGCAGCAACTGCACAGCTTCCG
 AAGGGCGGACTGGACCTGACTACTCAGAGCCTGACGGTGGAGACCTGCAGGGCCCTCGGCAAGCTGCTGC
 ATAAGGAGACGCTGTTGAAGGAGCTTGTCTCAGCGACTGCATGCTGAGTGAAGAAGGGTCCACACTGCT
 GTTCCAAGGGCTGTGTGCCAACACCAAGTGTGACGATCTGGATCTAAAGGGCAACAACCTCCGAGCTACA
 GGAGCTGAGGCTCTGGGAAAGCTCCTTCGACAGAACAAAGTCTATTGAGAGCCTCAGCTGGAGTGGAAACA
 ACCTTGGCAGCTGGGAAGATGCCTTTGCCACCTTCTGTGGGGGTCTGGCAGCCAATAGTGCCTGCGGCA
 GCTGGACCTCCGAAACAACAGATCAGTCACAAGGGAGCAGAGGAAGTGGCCCTGGCCCTGAAGGGCAAC
 ACCACCTCCAACAGCTGGACCTGCGCTGGAATAACATTGGCCTCCTGGGGGGCCGGGCTCTGGTGAAGT
 GTCTCCCCAGCAACAGAACCTGTGGAAGCTGGACCTGGCTGGGAACAACATCCCTGGTGACATCTGAG
 AGCCGTGGAGCAAGCCATGGACCACAACAGGACCGACTACTGCCTTTCGGGAGAACCAAGCACGCACC
 AAGATCCTTAGCAAGGAAGTTCAACACCTCCAGGAGGAGAAGTCCAAGCAGTTTCTGGATTTGATGGAGA
 CAATAGACAAGCAACGAGAAGAGATGGCCAGAGATAGCCGGGCATCAGCAGTACGGGTGGGCAGCTTCA
 GGAAGCCCTCAACGAGAGGCAAGTCCATCATCAATGCTCTCAAAGCCAAACTGCAGATGACAGAGGCTGCT
 CTGGCTCTGTGAGAACAGAAGGTCCGGGACCTGGGGAACTGCTGGTCCGGGAGACCAGGAACGGCAGA
 GCCTGTCCCAAAGACATGAGAAGGAACGAAGCTGGAGCGGCAGGAAGTGCAGATCGGGAGTCCAAGTT
 ACTCAGGGACCTGTCTGTGCCAACGAAAGAACCTGTGCTTAGAAGCCAGGTGGATGAGTTGGAGCGG
 AAGGCGAGGTACAGCAGGAGCAGCTGTTTCTGACCAAGCAGGAGCTGACTAACACGTCCGGCCGAGTTGA
 AGATCCGTGCTATTGAGGCTGAGGAGCGCTTGGATGTGGAGAAGAGGAGAGCCAAACAGAACATGGAAGA
 CTTGAAAAAGCTACACTCCAAGGAGGTGGATCATATGACTCGTCACCTGGAGGAGAGTGAAGGGCCATG
 CAGGAGAGGGTTGAGAGCTCGAGGCCCTGCGGCTGTCTCTGGAGGAGGAGCTGAGCCGCATGAAGGCCG
 CAGTGCTCAGCGAGCGTGGCCAAGCTGAGGAGGAGCTCATCAAAGCCAGGAACCAAGGCCCGCTTGGAGGA
 GCAACACCGCCTTGTCTATCTGGAGGAAAAAGATCCGGCTGTTGGCACAGGCAAGGACGAGGCTCAGGGC
 ACCTGCGTGCAGCAGAAGCAGATGGTAGCCGAGTCCCAGGCACGGGTGAGCCAGCTGAACCTGCAGATGG
 AGGGGCAGCAGCGGCGTCTGGAGGAGCTGCAACAGGAGCTGATCAACAAAGACCAAGAAAAAGTGGCCGA
 AGTGGCCAGGGTCAGAGTAGAGCTGCAGGAACAGATGGGCGTATGCAGGCTGACCTGGTGGCCAGGAG
 GCGCTGAGAGAGAAGGTGGCAGCCCTGGAGCGTCAAATGAAAGTATCGGGAGTGAACACCGGGAGGCGC
 TGTTGGACAGAGAGAGTGAACGCATCTCTCCGAGAGAAGCTGCGGCTCAAAGAGGCAGAAATCTCCCG
 TATCCGGGACGAAGAGGCCAGAGGGCAAGCTTCTGCAAAACGCTGTCTTGGCTTACGTGCAGGGGTCC
 CCTCTGAGAGCCTTGAGTCCCCCTAAATGAAGGAAGCGGGAGAACCGAAGCGCCAGCGAGGGTAGAAA
 TGCTGCATCCCATTCTCAAGGGCAGGCCCGGGGTCCAAAAAGCATCAGCTGCAGTTGCAGGGCAGGGTTC
 TGTCAACATCGGTGCTCAGCGGCACACCTGCCCGTCCAAGGGACTTCATCCACAGTTACCGTTAGCATA
 GGCGCGATGAAGCATACAGGATCGCGCTCAGACAACCCGGTCCGAGAACCACAAACAGGACAGGACAGCG
 GTGGGAGGAAGCAGACTCCCAATGGCAGGGTGGAAATACAGAACTTTTGTACTTGGTGATAAAAAAAAA
 AA AAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC023296

Insert Size: 2013 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: [BC023296](#), [AAH23296](#)

RefSeq Size: 2528 bp

RefSeq ORF: 2013 bp

Locus ID: 217366

Cytogenetics: 11 E2

Gene Summary: Component of the proteinaceous fiber-like linker between two centrioles, required for centrosome cohesion.[UniProtKB/Swiss-Prot Function]