

Product datasheet for **RN200960**

Lrrc45 (NM_001127571) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc45 (NM_001127571) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200960 representing NM_001127571
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGTTCCGGCGCTCCTACAACCGTCTGTGCAAGGAGAGTGGGGCTGAGCCCCAGGAAGCTGTTCTG
 TGAGCAGCTGCACAGCTCTCGAGGGTGGACTGGACCTGACTACTCAGAGCCTAACGGTGGACACCTG
 CAGGGCCCTCGGCAAGCTGCTGCATAAGGAGACACTTTTGAAGGAGCTTGTCTCAGCGACTGCATGCTG
 AGTGAGGAAGGGTCCACACTGCTGCTCCAAGGGTGTGTGCCAACACCAAGTGTGAGCTTCTGGATCTAA
 AGGGCAACAACCTCCGAGCTACGGGAGCTGAGGCTCTGGGAAAGCTCTACGACAGAACAAGTCAATTCA
 GAGCCTCACCTAGAATGGAATAACCTTGGCACATGGGAAGAGGCCTTTGCCACTTTCTGTGGGGTCTG
 GCAGCCAATGGCACCTGAGGCAGCTGGACCTTCGAAACAACAGATCAGTCACAAGGGAGCAGAGGAAC
 TGGCCCTGGCCCTGAAGGGCAACGCCACCCTCCAACAGCTGGACCTGCGCTGGAATAACATTGGCCTCT
 GGGGGGCGGGCCCTGGTGAAGTGTCTCCCGAGCAACAGAACCCTGTGGAAGCTGGACCTGGCTGGGAAC
 AACATCCCTGGTGACATCCTGAGAGCTGTGGAGCAAGCCATGGACCACAACAGGACCGAATCACTGCCT
 TTCGGGAGAACCAACACGCACCAAGATCCTTAGCAAGGAGGTTCAACACCTCCAGGAAGAGAAGTCCAA
 GCAGTTTCTGGATTTGATGGAGACAATAGACAAGCAACGAGAAGAGATGGCTAGAGATAGCCGGGCATCA
 GCAGTACGAGTTGGGAGCTTCAGGAAGCCCTCAACGAAAGACAGTCCATCATCAATGCCCTCAAAGCCA
 AGCTGCAGATGACAGAGGCTGCTTTGGCTCTGTGACAACAGAAGGCCAGGACCTGGGGAACTGCTGGC
 CGCAGCAGAGCAGGAACGGCAGAGCCTGTCCAAAGACAGGAGAAGGAACGCAAGCTGGAGCAGCAGGAA
 GCTGCAGATCGGAGTCCAAGCTCCTCAGGGACCTGTGCGCTGCCAATGAAAAGAACCTGCTGCTTAGAA
 GCCAGGTGGATGAGTTGGAGCGCAAGGTGAAGTCTCAACAGGAGCAGCTGTTTCTGACCAGGCAAGAGCT
 GACTAACACATCGGCTGAGTTGAAGATCCGTGCTATTGAGGCTGAGGAGCACTTGGATATGGAGAAGAGG
 AGAGCCAAACAGAATATGGAAGACTTGGAAAAGCTTCACTGCAAGGAGGTGGATCACATGACTCGACACT
 TGGAGGAGAGTGAGAGGGCCATGCAGGAGAGGGTTGAGAGCTAGAGGCCCTACGTCTGTCTCTGGAGGA
 GGAGCTGAGCCGCATGAAGGCCGAGTACTCAGTGAGCGCAGCAAGCCGAGGAGGAGCTCATCAAAGCC
 AAGAACCAGGCTCGCTTGGAGGAGCAACACCGCCTTGCTCATCTGGAGGAGAAGATCCGGCTGTTGGCAC
 AGGCAAGGGATGAGGCTCAGGGACCTGCATGCAGCAGAAGCAGATGGTAGCCAGTCCCAGGCACGGGC
 CAGCCAGCTGAACCTGCAGATGGAGGGACAGCAGCGCGTCTGGAGGAGCTGCAACAGGAGCTGAGCAAC
 AAGGACCAAGAAAAAGTGGCTGAAGTGGCCAGGGTGAAGTGGAGCTGCAAGAACAGATGGGCCGTATGC
 AGGCTGACCTGGTGGCCAGGAGGTGCTGAGGGAGAAGGTGGCAGCCCTGGAGCGCAACTGAAAGTGGT
 CGGGAGTGAACACCGGGAGGCGCTGTTGGACAGAGAGTGAAGACGCATCTCTCCGAGAGAAAATGCGG
 CTCAAAGAGGCAGAAATCTCCGCATCAGAGACGAAGAGGCCAGAGGGCAAGCTTCTGCAAAACGCTG
 TCTTGGCTTACGTGCAGGGGTCCCTCTGAGAGCCTTGAGTCCCCCTAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127571

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.

RefSeq: NM_001127571.1, NP_001121043.1

RefSeq Size: 2424 bp

RefSeq ORF: 2013 bp

Locus ID: 688318

Cytogenetics: 10q32.3