

Product datasheet for **MC223129**

Lrrk1 (BC072664) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrrk1 (BC072664) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lrrk1
Synonyms: MGC28646, mKIAA1790
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC072664
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCAGCAAAGTGTCTTTACCAGGTGGCAGCTCCACGGTGCAGTGCCCCAGCATGGAAGAAATCCACA
CTGCGTACAAGCAGAGGAACCTCTCCGAGCCGAGACCTACTCAGAGGGGTTTGTGAAGAGAGCGAATC
CTCACAGGAGAAGGGCCAGCTGTGAGCATCGCGCAGCCACGGGGATCTGGAGACTGTTCAAGTTCCTG
CTCACTGAGAAGCGCGTGGAGCTGCCGACGGAGCCACCGATGACAACCCAGCTGTGGTGGCAGCGCATT
TTGGACACGCCGAAGTAGTACGTGAAGTACTAGAGTCCCTTGCAGGTCCCTGTACCCCCAGCGGCTACT
GAACTGGATGCTGGCCCTGGCTTGCAGCGAGGGCACCTGGAGGTTGTGAAGCTGCTGGTCTGACACAT
GGGGCTGACCCGGAGAATATGCCGTGAGGAAGAATGAGTTCGCCGTCATTGTGCGGTTGCCCTCTATG
CGGCCATCAAGGCAGGGAATGAAGACATTGCCATATTCCTGCTTCGGCACGGAGCCTATTTCTGCTCCTA
CATCCTGCTGGATAGTCTGAGCCAAGCAAACATCTGCTCAGGAAGTATTCATCGAAGCCAGCGCCCTG
CCCAGCAGCTATCCCGGAAAAATCGCACTTCGTGTGAAATGGTCCCATCTGAAGTTGCCCTGGGTGGACC
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CCCTTCCATCATCCCTTGGGACTCATCAATCTAAAGAAGCTGAATCTCTCAAACAACCGACTGGGGGAG
CTGCCCTGCGTGCAGTCTCCGACGAAATCATCTGCTCCAGGTTACTTGAATTTGACATCTCCAGCAACA
AACTGTCTCACCTCCCTCCTGGATTCTGCACCTCTCAAAGCTGACTGCTTCCAAAACTA
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ATGTCTCCAGGAACAACCTGAAGAGCTTCCCGGATCCCTGGTCTGCCCTTTGAAATGTTGTAAGCCCTC
CAAAAATGCCCTGGAATCGCTGCCAGACAAAATGGCTGTCTTTTGAAAAGCCACCTTCGGGATGCAGAT
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TACAGGGAAACCGACTGTTGTGCTGCCACCTCAAGAGAAGTGGACCTGCACCAACTCAAGACCTGGA
CCTCTCCAGAAACCGACTCGGCAAAAATGAAGATGGGCTTAAAACAAAGAGGATCTCCCTGTTACCACC
AGAGGGCGCCAGCGTTCTGGAAGTGAAGACGCTCCATGTTGGAATTCAGCTTCTCAAGTGAAGTCTT



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TGGAGGTCCTTTGTCTGAATGACAACCATCTTGATGCTGTTCCCCCATCGGTCTGCCTGCTGAAGAACCT
 CTCAGAGCTCTACTTGGGCAATAAACCTGGCCTCCGAGAGCTCCCTCCGGAGCTAGGCCAGCTGGGGAAC
 CTCTGGCAACTGGACATTGAAGATCTGAACATTAGCAACGTGCCTGCGGAGGTACAGGAAAGAAGGCCCGA
 AAGCAACACTGTCTTCTGCGTGTCTGAGTGCCTGCGCAAAGCAGAGAAGTGTAAAGCTGATGAAGATGATCCT
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 GCACACAGTGAAGCCACCATCAGGACCACCAAGTGGGAGCTCCAGAGACCAGCAGGCTCCAAGCCAAAGG
 TTGAGTCGGTAGAGTTCAACGTCTGGGACATCGGGGTCGGCCAGCATGGCCACGGTCAATCAGTGCTT
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 CAGTTCTGGCTGCTCAACATTGAGGCCAAGGCCCAAATGCCGTTGTGCTGGTGGTCTGGGACACACCTGG
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 CTCGCCATCGGGCTCCAGGGCTACGGGCTTCCCGGACATCACTTCAAACACTTGCGATGAGATCTCTGC
 AAGAATCTGGAAGGGCAGGAGGGGCTGCGGCAACTGATCTTCCACGTACGTGCAACATGAAGGATGTGG
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 CGTGTGGCTGAGCAACAGCGCCGAGTCTGGGTGACCAAGTACAGTATCTGACGGACAGGCAGCTGGAC
 CAGCTGGTAGAGCAGACGCTGGCAATGATATCAAAGACTATGAAGACCTGCAGTCTGCCATCAGCTTCC
 TCATAGAAACTGGGACCTGCTGCACTTCCAGACACGAGCCATGGCCTAAGGAACCTCTACTTCCCTGGA
 TCCCATCTGGCTCTCTGAATGCCTGCAGAGGATCTTAAACATCAAGGGCTCGCGGTACAGTGGCAAAGAAT
 GGGGTGATCCAAGCGGAAGACCTCAGGATGCTGCTGGTGGGACAGGCTTACACAGCAGACTGAGGAGC
 AACTACTCCAGTTCCTTGCCAAGTTCGAGATTGCCCTCCCTGTTGCCAATGACAGCTACCTCCTACCACA
 CCTCCTTCCATCCAAGCCTGGGCTGGACACCCACAGCATGCGGCACCCAATGGCTAACACCATCCAGCGG
 GTGTTTAAAGATGAGCTTCGTGCCTGTGGCTTCTGGCAACGGTTCATAGCACGGATGCTAATCAGCTTGG
 CTGAGATGGACCTGCAGCTTTTTGAAAACAAGAAGAATACGAAAAGCAGGAACCGGAAAGTCACTATTTA
 CAGTTTTACAGGGAGCCAGAGAAACCGCTGCAGTACATTCCGAGTCCGAAGAAATCAGACCATCTACTGG
 CAGGAAGGGCTGCTGGTCACTTTCGATGGGGCTACCTCAGTGTGGAATCCTCAGATGTGAAGTGGAAAA
 AGAAAAAAGCGGAGGAATTAATCATCTGCCAGTACAGAGATGAGGGACTTCTCGGCAATGGCTTTTAT
 CACAGACCATGTCAACTCCCTGATTGACCAGTGGTTCCCTGCCCTGACGGCCACAGAGTGGTGCCTGGCT
 GTCTGGAGGGGCTGGGGCGCCAGGGAGTTTGACATCTTACCAGCTCCCTACCAGCTATTCCAGTGTG
 CCTTTCTCTGCCAACTATGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** BC072664
- Insert Size:** 3450 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: [BC072664](#), [AAH72664](#)

RefSeq Size: 5284 bp

RefSeq ORF: 3449 bp

Locus ID: 233328

Cytogenetics: 7 C