

Product datasheet for MC211183

Prr16 (NM_001081224) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prr16 (NM_001081224) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prr16
Synonyms:	5430406M13Rik; A1607429
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211183 representing NM_001081224 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCAGCCAAGTCCAAGGGGAACCCCTCCTCGTCCTCCGAGCCGAGGGACCGCCGGCAGCCTCCAAAA
CCAAGGTGAAGGAGCAGATCAAGATCATAGTGGAGGATCTGGAATTAGTCCTGGGCGACCTGAAGGACGT
GGCCAAAGAACTTAAGGAGGTGTTGACCAGATTGACACCCTGACCTCTGATCTACAGCTGGAAGATGAG
ATGACCGACAGCTCCAAAACAGACACTCTGAACAGCAGCTCCAGTGGGACAAACAGCTCCAGCATAGAGA
AGATCAAAGAACAGGCCAATGCTCCCCTCATTAACCTCCAGCACACCCGCTGCTATCCTGACTGTCTCT
GAGAAAGCCAAACCCTCCACCGCCTCCTCCAAGGTTGACACCCGTGAGGTGTGAAGAGCCTCAGAGAGTG
GTGCCGACTGCCAACCTGTAAAGACCAATGGCACCCCTTCTGCGGAATGGAGGCTTAGCGGGGAGGCCCA
ACAAAATCCAAATGGAGACATCTGCTGCATACCCAACAGTAACTGGACAAGGCTCCGTTGCAGTCTCT
GATGCACAGACCTGAAAAGGACAGGAGTCTCAGGCAGGGCTCGGGAACGAGTTCGGTTAATGAAAAA
GTACAATACCATGGCTATTGCTCCTGACTGTGAGAGCCGGTATAACATAAAGAATAGGGAGGTCCATTTAC
ACAGTGAACCAAGTCCATCCACCTGGAAAGATCCCACACCAAGGACCTCTGCTCCATCCTCCACCTCATCT
CCCCAATTTCCCATAGAAAATGGGGGACTGGGAATAAGCCACAGTAACAGTTTCCCCCTCCACACCT
GCAACCGTGCCTCCTCCCGCTGCACAAAACACAGAAGACCATCCTGAGGAAATCCACCACTACCACAG
TGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001081224
Insert Size:	915 bp



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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:	<ol style="list-style-type: none">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_001081224.2 , NP_001074693.1
RefSeq Size:	2224 bp
RefSeq ORF:	915 bp
Locus ID:	71373
UniProt ID:	A3KMN5
Cytogenetics:	18 D1
Gene Summary:	Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration (Probable).[UniProtKB/Swiss-Prot Function]