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Product datasheet for MC224346

Rtl9 (NM_001040434) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtl9 (NM_001040434) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rtl9
Synonyms:	Gm385; Mar9; Mart9; Rgag1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224346 representing NM_001040434 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCAGATATGTCAATACCATTACATTCACTACGCTTCAACAATATGATGAAGGAGGAAAATGGTGACC CTCAAAACAGAGGGGCAACTTTCTCTAGACCAATGACAGAGACCAGAGCAGAAGTTCAAATCCTGCATTC ACAGTTGCAGTTGCCTGTTGTTTCGACTTCAGCCTCAGATCTCGAAGGGACATCTACACAGCTGATGACA TCGCCAGGCTTTGACAGTCTGTCCACACCTCTCATGGGAGCACCACACTCTGGGACGTTGTCCCCACCAC TGATGTCAGCCTCAGACTCTGGGACACTGTCCCCACTGCTAATGCCGGCCTCAGATTCGGGAACACTATC CCCACTCCTAATGCCAGTTTCAGACTCTGGAACACTGTCTCCACTGCTAATGCCAGCCTCAGATTCAGGA ACACTGTCCCCACTGTTGTCTACTTCAGACTATGGGTTAATGTCCCCAGGGATGATGTCAATACCTGATT TTGGGACAATGTCATCACTAATGGCAGCCCCAGATTCTGCAGAGATATCACCATTGGCAATGCCAATTCA GTCCTCTGGAGTGATATCTGCACCTATAATGAGCACTTCATCCTCCGAGGCATCGTTAATGCTAGGATCA GATCCTGGTGAGATATCCCCACTCCTGATTCCAGATATGAACCCTGGAGTGACATCCACACCACCAATGA CAGCTCCAGGCTCAGAAGCAATGTCCCCACTGCAAATTACAGATGAGGACACAGAAGCAATGTCCAAAGT GCTAATGACGGCTCTAGCTTCTGGAGAGATATCATCACTGCTAATGTCAGGCACAGACTCTGAAGCGATA TCTTCTCTGATCATGTCAGCTCTAGCTTCTGGGGAAACACCAGCCCAGCCAACAAATCCTCCAGAGTCTG AAGGGATACCCACTGTGCTCATGTCAGGCTCAGACTCTGCAGTCATGTCTTCACTGCCTATGCCAGTTTC TGGCTCTGGAGCAATGCCTACACCACTCCTGTCAATCCCAGATGCTGGAGAAATAGCCACATTACCAAAG CCAGTCCCAGATGTTGAGGCAATGTCCCCACTGTTAATGACAGCCCTCACCTCTACAGTGATGCCCAGTC AACTGATTTCAGCATCTAGTTCTGGAGTGATGTCCCCAGATACAACACAAAATATCAACTCTGAGGTCAT GTCTGCTCCACCAATAAGAGTTTCATCCACTGGATTGATGTCCACACTACCTGTGAGAGCTTCTGATACA GCGGCAACACCCATACAGCTAATGAGAGTCCCTGCCTCTGGAAATATGTCTACATCACAAAAGACAGTTC CAGTCTCTGGATCAATGTCCACTCCACTGATGGCTGTCACAAGCCCTGGAGCAATATTCACAGAACAAAT GCCAAGCACAGCCTCTGGTACAATGTCTACACATTTAACAATGCCCCAAACACCTGGAACAATGCCCATA GGTTTTATGAAGTCCACATCAAATGGAGCCGTTTCTGCACAGCAAATTAGATGTTCAGTTTCTGGGATGA

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TGTCCACACAGCCAGTTATAGCTACAGCCTCTGAAATAATGTCTGTGTCACAATCAACAGTCCCAACCTC
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CAGCATGTTCCCAAACGCTGTTACTACTTGAAAGAACATGGAGACCCCCAGGAAAGTCTTCATGACCACC
TTCGACAGAGTGCAGGCCTTCCGAAGGCCCCTACAAACAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001040434

Insert Size: 4104 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_001040434.2, NP_001035524.2
RefSeq Size:	4142 bp
RefSeq ORF:	4104 bp
Locus ID:	209540
UniProt ID:	Q32KG4
Cytogenetics:	X F2