

Product datasheet for MC224901

Rtl1 (NM_184109) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rtl1 (NM_184109) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rtl1
Synonyms:	6430411K18Rik; Mar; Mart1; Mor1; Peg11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry2 (PS100063)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224901 representing NM_184109 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATAGAACCCTCTGAAGACTCATTTGAGACGATGATGGAGCTTAAGAATCCATCATCAAACAAATGG
AGTCTCCGAGGGCTCATCCAACACCGTTGAAGAGACACCAGGCAGCAGTGGAGCCAGGCGGGGCCCA
GGCAGGGGCCAGGCGGAGGCCAGGCGGAGACCCAGGTGGAGGCCAGGCGGAGGCTCAGGCTGAAGCC
CAGGTTGAGGCCAGGTTGAGGCCAGGCGGGCTCAGATAGTGGCCAGCCAGGAAGAAAAGGAGCCAC
CCAGTGGCCCCCTCAAGGAAATGCAAGAGCTGCCCACTAATCTACTCCAAGAAGTGGAGGAGCCATCCAG
TGGCCCCACCAGGAAATGCAAGAGCTGCCCACTGATCTACTCCAAGAAGTGGAGGAGCCATCCAGTGGC
CCCCACCAGGAAATGCAAGAGCTACCCACTGATCTACTCCGGAAGTGGAGGAGCCATCCAGTGGCCCCCT
ACCAGGAAATGCAAGAGCTACCCACTGATCTACTCCGGAAGTGGAGGAGCCATCCAGTGGCCCCCTACCA
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AAACCCGAGTTAAGTGATAATTCAAACCCAGGAGTTAAGCGATAATTCGAACCAGGAGTCAAGCGACAGT
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CCATGAGTTTGTGCTGCTGTCAGATGACAATGCAGAACTACCCAAGTATGCTATAACAATGATGAGCTG



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CGGGTGAAATTCGTCATCCGCCACCTGACTGACCTAGCCTTGAATGGGCCAACGACCTCGTAGAGCAGA
 ACAGCCCAGTGATAAAACAATTCTCAGCCTTCTGGAGGCCATGTCAGAAAAGTTTGTAGTATCGGCAGAC
 CCTGCGTGTGGCGGAAGACGCCATGTTCAACATCAGGCAGGGAAACCGCTGTGCGGCCGATTACATCAAT
 GAGTTCGGGGTCTGATACCCACCTTAGGCTGGCCAGATGAAGTCTGCAGGCCACCTGTGCCAGGGGC
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 AGAAGCTAGCCTGGATGGATGCTCCCGCCAGAGAAGTGGAGGTAAGCAGCTGGCTGCCCAATGAGT
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 CGCAGTGCGGCCCTGGTGGACTCAGGAGCAGAAGGAACTACATGGATGAGAGTTTGGCCAGGAACAC
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 CATCTTACCTTCGCCAACTTCTCCATCGTCTTAGGCATGAAGTGGCTCCGAACCCATGCCCTGAAGTC
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 ATCTAGCCTCTGAATAATGACAGGCTCACCGTACTTCTCCCCGGCATTGGGTCTTCTTCTTCTCACA
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 CAGAGAGGCTTACAGCAAGGTTTCTGCGCCACTGCTGCTTATGTCCATTAGGGCAAATCTAAGGTA
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 CTAACCTTCTTCCGTGGCCTGCTCTACTGGAAGAGTCTCCTGGGTGTGGCAGCTGTCTGGTGATGTTGA
 GAGCAAGGCAGCCCTCTCCCCAGTGCCTGCCCTAATTTGGAAGTGGCCAGGCCCTCAGCACCAGCACAC
 ACTCCGACTCATCTGGACTCGACCCTATTGCGAGTGTGGCATGGCCACAGCCATCGCTCAGTTGCTC
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 CAAGGTGTGGCATCGGAATGCTCTGCATTCCCAGCTCCACGGGGATGCGCTTACCCCTGGGTTCTG
 GTTGACCTGTGTGAGTTCTTTGGGTGAGAGTCAACCCTGAGGATGACGTCTTTCTGACCCCTACCAG
 CACCGGTACTTGGAACTGCACGTCGTTGGGGATGAAGATGTCGTCTTGGCAGAAGCCCTGCAAGACGACC
 TGCAACGTTACCGTCAGTGTGGCCTGCATGACGGCCTGCAAGACACCTCGCAGGACGCGCAGGACAACGA
 CGTGCAAGAGGACCTGTTTGGCGACCAGGAAGCGGTACCTTCAGACCACGAAATCTTTTGGACCCAGAG
 GTCCTAGATTTCTCAACAACCGGCTACTCTACACCTGGGCACCGATGGCCGCTTACTCTGCTTAGCA

GAGATCAGGTGGCCCAGGCCCTCACACGATTCCTGGCCATGGCCTCCAGAATGGCGCTGCCTTCCCAGC
CAGGGAACAGGCAAGGCTAGAAGAGCTATCAGACTCAGATGATGAACTTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/jc1668_c07.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_184109
Insert Size:	5235 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:	<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_184109.1 , NP_908998.1
RefSeq Size:	5235 bp
RefSeq ORF:	5235 bp
Locus ID:	353326
UniProt ID:	Q7M732
Cytogenetics:	12 F1
Gene Summary:	Plays an essential role in capillaries endothelial cells for the maintenance of feto-maternal interface and for development of the placenta.[UniProtKB/Swiss-Prot Function]