

## Product datasheet for MC224685

### Rere (NM\_001085492) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rere (NM_001085492) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rere
Synonyms:	1110033A15Rik; AI414665; ARG; ARP; ATN1L; Atr2; AW742570; DNB1; eye; eyes3; mKIAA0458
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224685 representing NM_001085492 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACAGCTGACAAAGATAAAGACAAAGACAAAGAGAAGGACCGGGACCGGGATCGGGACCGAGAAAGAG  
ATAAAAGAGACAAAGCAAGAGAGAGCGAGAATGCCAGGCCTCGCAGGAGCTGTACCTTGGAGGGAGGAGC  
CAAAAATATGCTGAGAGCGATCACAGCGAGGACGAAGACAACGACAACAACAGCGCCACCACGGAGGAG  
TCCAACAAGAAGAGCAGAAAGAACTCCGAAAAAAGTCCCGTACGAGAGGACAGACTGGTGAGA  
TAACTTCTTACATCACCGAGGACGACGTTGTCTACAGACCGGGAGACTGTGTGTATATCGAGAGTCGGCG  
GCCAAACACACCGTATTTTCATCTGCAGCATCCAAGACTTCAAAGTGGTCCACAGCTCCCAGGCCTGTTGC  
AGATCTCCAGCTCCTGCTTCTGTGACCCCGCAGCATGCTCTCTGCCGGTGGCACCACAGCCACCACAGC  
ACCTCTCTGAAGCCGGGAGAGGGCCTGGAGGGAGTAAGAGGGACCATCTACTCATGAACGTCAAATGGTA  
CTACCGTCAGTCTGAAGTCCCAGATTCTGTCTATCAGCATTGGTTCAGGATCGGCATAATGAAAACGAC  
TCTGGAAGAGAGCTTGTATCACAGATCCAGTCATCAAGAATCGGAACTCTTCATTTCTGATTATGTTG  
ACACCTACCATGCTGCTGCCCTAAGAGGGAAGTAACTCTCCATTTTCTGACATATTTGCTGCTCG  
AGAGTTTAAAGCCGAGTGGACTATTTTCTACATATTAGGATACAACCTGAGACAAGGCGGCTGAAT  
AGTACCCAAGGGGAAATTCGAGTTGGCCCTAGCCACCAGGCCAAACTTCCAGATCTGCAACCATTTCTT  
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CCTCATGTACTTGAGGGCAGCAAGGAGCATGGCAGCATTGTCAGGGATGTGTGATGGAGGCTCCACAGAG  
GATGGCTGTGTTGCAGCATCTCGGGATGACACCACTCTCAATGCACTGAACACACTACATGAAAGCAGTT  
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GTCCACCCCTGTCAACACGCCCTCCAGACCACCTTCCAGTGAATTCTTGACCTGAGTTCAGCTAGTGAG  
GATGACTTTGACAGTGAGGACAGCGAACAGGAGCTGAAGGGGTACGCCTGCCGTCAGTCTTACCACCA



CCTCAAAGACTGGCACCACGGGGCCGGGAAAACATCCTACTGTGCACGGACTGTCGCATCCACTTCAA  
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 GAGGAGGACGATGGGCTCAGTGGGAAGCATAGCATGAGGACGGCGGAGCCGGGGCTCGATGTCTACAC  
 TACGCAGTGGTCGGAAGAAGCAGCCACCAGTCTGATGGTCGTGCCTCACCCATCAATGAAGACATCCG  
 ATCCAGTGGCCGAACTCCCCAGTGTCTAGCACTCCAGCAATGACAGTAAAGCAGAGACAGTGAAG  
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 CAACTCTCCCTCTGAAGGAGAGGGGAGAGTTCCGACAGTCGCAGTGTCAACGATGAGGGCAGCAGTGAC  
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 TGCCTCGGCTCCCTCCACAGCCCTCCAGGAACCCCCAGCTTCCACCCAAGGACCCACACCCTTGCC  
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 TTGGACTTCTTCCCAGCCCTCCAAGGTCAGGGCCCTCTGGGCCCTCCCCGGCAGCAGCTCATCTCA  
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 CACAAGCCCAAAACATCCGCTCACCTCTCAGGCCCTCCCCCTTCTCTCTGAATGCCAATCTGCCACC  
 CCCGCCAGCCCTGAAACCCCTGAGCTCACTGTCCACACACCACCTCCCTCAGCCACCCCTCCACCCCTA  
 CAACTCATGCCTCAGAGCCAGCCCTTGCCTCTCACCTGCCAGCCACCTGGGCTGACCCAGAGCCAGA  
 GCCTACCACCTCTGCTGCCCTCCATCCTACCAGTGGCTCCACCAGTGGCTCCCAATCCCCATTTCC  
 CCAGACCCCTTGTACCTGGAGGCCCTCCATCACCCCGCCCTCCTGCCCCCAATCCCCATTTCC  
 CCTGCCCGGCCACGCTCTCATCACAGCCACCCTGCTCTGCTGTGTCTTCTGGAGGCAGTGTTCCTG  
 GGGCGCCATCTTGCCACTCCCTGCTGTGCAAATCAAGGAGGAGGCTCTGGATGAAGCTGAGGAGCCAGA  
 GAGCCCTCTCCACCCCCAGGAGCCCATCCCCTGAGCCACTGTAGTGGACACCCCCAGCCATGCCAGC  
 CAGTCTGCCAGGTTCTACAAACCTGGACCGGGCTACAACCTGTGTGCACGGACAGACCTGTACTTCA  
 TGCCTCTGGTGGATCCAACTAGCCAAGAAGAGGGAGGAGGCCATTGAGAAGGCCAAGCGGGAGGCTGA  
 ACAGAAAGCCCGAGAGGAACGGGAGCGGGAGAAAGAGAAGGAAAAAGAGCGAGAAGCGGAGAGAGCGG  
 GAACGGGAGGCAGAGCGCTGTAAAGGATCCAGCTCTGCACATGAAGGCCGTCTTAGTACCCTCAGC  
 TCAGTGGCCCGGTCACATGCGACCCTCCTTCGAGCCACCACCGACCACAATCGTGTCTGTGCCCCATA  
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 AACCGCAACCACCCCTTCTACATGCCCTTAATCCCACCGACCCCTGCTGGCCTACCACATGCCTGGCT  
 TGTACAATGTTGATCCCACCATCCGCGAGCGGGAGCTCCGAGAGCGCGAGATCAGAGAGCGCGAGATCCG  
 GGAGCGGGAATTGCGGGAGAGGATGAAGCCAGGCTTTGAGGTGAAGCCCCAGAGCTGGACCCCTGCAC  
 CCAGCCACCAACCCATGGAGCATTTTGGCCGGCAGCGCCCTCACCATCCCTCCTGCAGCTGGCCCC  
 ACCCTTTGCCTTTCCACCCGGGCTCAACCCTTTGGAGCGGGAGAGACTGGCACTAGCAGGTCTCA  
 GCTGCGGCTGAGATGAGTTACCCAGACAGACTGGCAGCCGAGCGCATCCATGCTGAGCGTATGGCATCA  
 CTCACCAGCGACCCCTGGCAGCACTGCAGATGTTTAAATGTCACTCCACACCATCACCAGCATTACACA  
 TCCACTCCACCTCCACCTCCACCAGCAGGATCCTCTCCACCAAGGTTACAGAGGCCAGTTACCCCT  
 GGTGACCCCTTACTGCTGGCCCTCACTTAGCTCGTTCCTTCCCCGAGCCCTCCCTAACCCCT  
 CTACTTGGACAGCCCTCACGAGCAGGATGCTGCGCCACCCAGTTTTTGGCACCCCTATCCCCGAG  
 ACCTGCCTGGGGTATTCCACCCCATGTGAGCAGCCACCAGCTTCCAGCCATGCATGCCAGTCAGC  
 CGAGCTACAGAGACTAGCCATGGAGCAGCAGTGGCTGCACGGACATCCACACATGCATGGTGGCCATCTG  
 CCAAGTCAGGAGGATTATTACAGTCGACTGAAGAAAGAAGGTGACAAGCAGTTA**TAA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM\_001085492

<b>Insert Size:</b>	4677 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001085492.1</a></u> , <u><a href="#">NP_001078961.1</a></u>
<b>RefSeq Size:</b>	7458 bp
<b>RefSeq ORF:</b>	4677 bp
<b>Locus ID:</b>	68703
<b>UniProt ID:</b>	<u><a href="#">Q80TZ9</a></u>
<b>Cytogenetics:</b>	4 81.34 cM
<b>Gene Summary:</b>	Plays a role as a transcriptional repressor during development. May play a role in the control of cell survival.[UniProtKB/Swiss-Prot Function]