

Product datasheet for **RN208716**

Rere (NM_053885) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rere (NM_053885) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rere
Synonyms:	Arp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208716 representing NM_053885 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGCTGACAAAGATAAAGACAAAGACAAAGAGAAGGACCGGGACCGGGACCGGGACCGAGAGAGAG
ATAAAAGAGACAAAGCTAGGGAGAGCGAGAAGCCAGGCCTCGGAGGAGCTGCACGTTGGAGGGAGGAGC
CAAGAACTATGCTGAAAGTGACCACAGTGAGGACGAAGACAACGACAACGGAGCCACCACGGAGGAGTCC
GCCAGGAAGAGCAGAAAGAAACCTCCGAAAAAAGTCCCGCTACGAGAGGACAGACACTGGCGAGATAA
CGTCTTACATCACTGAGGATGATGTTGTTTACAGACCAGGAGACTGCGTGTATATCGAGAGTCCGGCGGCC
AAACACACCGTATTTTCATCTGCAGCATCCAAGACTTCAAACCTGGTCCACAACCTCCAGGCCTGTTGCAGA
TCTCCAGCTCCTGCTTTGTGTGATCCCCAGCATGCTCTCTGCCGGTGGCATCACAGCCACCACAGCACC
TTTCTGAAGCCGGGAGAGGGCCTGTAGGGAGTAAGAGGGACCATCTACTCATGAACGTCAAATGGTACTA
CCGTCACTCTGAAGTTCAGATTCTGTCTATCAGCATTGGTTTCAGGACCGGCATAATGAAAACGACTCT
GGAAGAGAACTTGTATCACAGATCCAGTCATCAAGAACCGGGAGCTCTTCATTTCTGATTATGTTGACA
CCTACCATGCTGCTGCCCTGAGAGGGAAGTGAACATCTCCATTTTCCGACATATTTGCTGCTCGTGA
ATTTAAAGCCCGAGTGGACTCGTTTTCTACATATTAGGCTACAACCTGAGACAAGGAGGCTGAATAGT
ACCCAAGGAGAAATTCGAGTTGGCCCTAGCCATCAGGCCAACTTCCAGATTTGCAGCCATTTCCCTTCTC
CAGATGGTGACACTGTGACTCAGCATGAGGAACCTGTCTGGATGCCTGGAGTCAGTGACTGTGACCTCCT
CATGTACTTGAGGGCAGCAAGGAGCATGCGAGCCTTCGAGGAATGTGTGACGGAGGTTCCACAGAGGAT
GGCTGTGTCGAGCGTCTCGGGATGACACCACTCTCAATGCACTGAACACACTACATGAAAGCAGTTATG
ATGCCGGCAAAGCCCTGCAGCGCCTGGTGAAGAAGCCTGTGCCAAGCTGATCGAGAAGTCTGGACAGA
GGATGAAGTGAACGCTTCGTTAAGGGGCTCCGACGACGCAAGAACTTCTTCAGAATCAGAAAGGAG
CTGCTTCCCAATAAGGAAACCGGGAAGTATTACCTTCTATTACTGGAAGAAAACACCAGAGGCAG
CCAGCTCCCGTGCCACCGCCGACCGCAGGCAGGCTGTGTTGAGAAGAATTAAGACTCGCACAGCGTC
CACCCCTGTCAACACGCCCTCCAGACCTCCTTCCAGTGAATTCCTGGATCTGAGTTCGGCTAGTGAGGAT



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GACTTTGACAGTGAGGACAGCGAGCAGGAGCTGAAGGGGTACGCCTGCCGGCACTGCTTCAACCACACCT
 CCAAAGACTGGCACCACGGGGGCCGAGAAAACATCCTGCTGTGCACAGACTGCCGCATCCACTTCAAGAA
 GTACGGTGAGCTGCCACCCATCGAGAAGCCCGTGACCCCCCGCCTTCATGTTCAAGCCTGTCAAGGAG
 GAGGACGATGGGCTCAGTGGGAAGCATAGCATGAGGACTCGGCGGAGTCGGGGCTCGATGTCTACACTCC
 GCAGTGGTCGGAAGAAGCAGCCTGCCAGTCTGATGGCCGCGCTCACCTGTCAATGAGGACGTGCGATC
 CAGTGGCCGGAAGTCCCCCAGCGCTGCCAGCACTTCCAGCAATGACAGCAAAGCAGAGGCTGTGAAGAAG
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 CTCTGCTCCCTCCACAGCCCTCCAGGGACAACCCAGTTCACCCAGGGCTACACCTCTGCTACT
 ACAGTCCCTCCACAGGGCTCCCCTGCAACCTCACAGCCCCCTAACAGACTCAGTCTACAGTGGCACCTG
 CAGCCACACCCCTCATCCAGCAGACGCCACCCCTGCATCCCCCTCGGCTGCCCTCACCTCATCTCCACT
 GCAGCCTATGACTGCACCACCTAGCCAGAATCTGCACAACCTCACCCAGCCCTCCTTGATGTCAG
 GGCCCTCCTGGCCCTCACAGCCTACAGACTGGACCCCTACTACAGCACCCAGGACCTCCTCAGCCCTTG
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 CACCATACAGTTCAGCCTCTCAGTCGGCACTGCAGCCTCAACAGCCCCAAGGGAACAGCCCTTGCT
 CCTGCCCGTTAGCCATGCCTCAGTCAAAACCCCAACCCACCAATTCAGCTTCCAGCACCAC
 AGGCCACAAACATCCGCTCACCTCTCAGGCCCTCCCCTTCTCAATGAATGCCAATTCGCCACCC
 ACCAGCCCTGAAGCCCTCAGCTCACTGTCCACACCATCCTCCCTCAGCCACCCCTCCACCCCTACAG
 CTTATGCCTCAGAGCCAGCCCTTGCCCTCTTACCCGCCCAGCCCTCGGCTGACCCAGAGTCAGAGCC
 TCCACCCCTGCTGCTCCACCTACCACTGGCGGCTCCACCAGTGCCCTCGCAATCCCCATTCCC
 CCAGCACCCCTTTGTACCTGGAGGCCCCCTCCATCACCCACCCCTCCTGCCCCCACTTCCACCCCT
 CCTGCGGGGCCAGTCTCTCATCACAGCCACCTGCTCTGCTGCTGTGCTTCTGAGGCAATGTTCCAG
 GGGCGCCATCTTGCCACTCCCTGCTGTGCAGATCAAGGAAGAGGCTCTGGATGAAGCCGAGGAGCCAGA
 GAGCCCTCCTCCACCCCAAGGAGCCATCCCCTGAGCCTACTGTAGTGGACACCCCAAGCCATGCTAGC
 CAGTCTGCCAGGTTCTACAAACCTGGACCGGGCTACAACCTGCTGTGCACGGACAGACCTGTACTTCA
 TGCTCTGGCTGGATCCAACTAGCCAAGAAGAGGGAGGAGGCCATTGAGAAGGCCAAGCGGAGGCTGA
 ACAGAAAGCCCGAGAGGAACGAGAGCGAGAGAAAGAGAAGGAAAAAGAGCGAGAGCGGGAGAGAGCGG
 GAACGGGAAGCAGAGCGCGCTGCTCAGAAGGCTTCTAGCTCAGCACATGAAGGCCGTCTTAGTGACCTC
 AGCTCAGTGGTCCAGGTACATGCGACCTCCTTCGAGCCACCACCGACCACAATTGCTGCTGTGCCCCC
 ATATATTGGGCTGACACACCTGCCCTCCGGACACTGAGCGAATATGCTCGGCCACATGTCATGTCTCC
 ACCAACCGTAACCAACCCCTTCTACATGCCCTCAATCCCACCGACCCCTCCTGGCTACCACATGCCTG
 GCCTGTACAAATGTTGACCCACCATCCGGGAGCGGGAGCTCCGAGAACGTGAGATCAGAGAGCGGAGAT
 CCGGGAGCGGAATTGCGGGAGAGGATGAAGCCAGGCTTTGAGGTGAAGCCCCAGAGCTGGACCCCTG
 CACCCAGCCACCAACCCATGGAGCATTTTGCCCGGCACAGCGCCCTCACCATCCCTCCTGCAGCTGGCC
 CCCACCCCTTTGCCTCTTTCCACCCGGGCTCAACCTTTGGAGCGGGAGAGACTGGCGCTAGCAGGTCC
 TCAGCTGCGGCTGAGATGAGTTACCCAGACAGACTGGCAGCTGAGCGCATCCATGCCAGCGTATGGCG
 TCACTCACCAGCGACCCCTGGCAGCACTGCAGATGTTCAATGTTACTCCACACCACCAGCATTCAC
 ACATCCACTCCCACCTCCACCTCCACCAGCAGGATCCTCTCCACCAAGGTTGAGCAGGCCAGTTACCC
 CCTGTTGACCCCTGACTGCTGCCCTCACTAGCTCGTTCCCTACCCTCCGGGCACCCCTCCCAAT
 CCTCTACTTGACAGCCCCCCCCACGAGCAGAGATGCTACGCCACCCAGTTTTTGGCACCCCTACCCCC
 GAGACCTGCCTGGGGCTATTCCACCCCATGTACGGGCCACCCAGTTTCCAGGCCATGCATGCCAGTC
 AGCAGAGCTGCAGAGACTAGCCATGGAGCAGCAGTGGCTGCATGGACATCCACACATGCATGGTGGCCAT
 CTACCCAGTCAGGAGGATTATTACAGTCGACTGAAGAAGGAAGGAGACAAGCAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_053885

Insert Size:	4680 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:	<u>NM_053885.2</u> , <u>NP_446337.2</u>
RefSeq Size:	7682 bp
RefSeq ORF:	4680 bp
Locus ID:	116665
UniProt ID:	<u>Q62901</u>
Cytogenetics:	5q36
Gene Summary:	atrophin-1 related protein found enriched in cerebellum and testis [RGD, Feb 2006]