

Product datasheet for **RN213548**

Aqr (NM_001100987) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aqr (NM_001100987) Rat Untagged Clone
Tag: Tag Free
Symbol: Aqr
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213548 representing NM_001100987
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCTCCTGCGCAGCCCAAGAAAATCGTGGCCCCACCCTGTCCAGATCAACGCAGAGTTCGTCA
CCCAGCTGGCATGTAATACTGGGCTCCTCATATCAAGAAGAAAACACCTTTTGATATAAAAGTGATAGA
AGAAATATATGAAAAGAGATCGTCAAAACACGGTTTGCCATCAGAAAAATAATGCTGCTGGAATTTAGC
CAATATCTTGAAAATTATCTTTGGATGAATTATTCGCCAGAAGTTTCCAGCAAAGCCTATTTAATGTCCA
TCTGCTGTATGGTGAATGAGAAGTTCAGAGAAAATGTCCAGCCTGGGAGACCTTTAAGAAGAAGCCAGA
CCACTTCCCCTTCTTCTTAAACGCATCTTGAAGCAGCACTAGCTGAGACTGATGGCGAGTTCTCCCTC
CACGAGCAGACCGTGTCTCTTTCTGGATCATTGCTTCAATAGCTTGAAGTAGACTTGATAAGGA
GTCAAGTACAGCAGCTTATCTCCCTTCTATGTGGATGGGCTTGCAGCCGGCAGATTGGAATTAGAATT
AAAAAGACACCAAAGCTAAGGAAATCTGGAATTGATTAAGAAAGATGATAAGATGGACCCAGAA
GCAAGAGAGCAGGCTACCAAGAAAGGAGGTTTCTTTCCAGCTCATCCAGAAGTTCATCTCCGTGTTGA
AGTCCATCCCACCTTCTGAGCCTGTCACTATGGACAAAGTTCATTACTGTGAAAGATTATCGAAGTTAT
GATTGATCTAGAGGCTCTGCTCCCCACAAGGCGCTGGTTCAACACCATCCTGGATGACTCCCACCTCTTG
GTGCACTGTTACCTTTCCAGTCTGTCCACAGGGAAGAGGATGGCCATCTGTTTTCCAGCTATTAGACA
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TTTGCCCTCTCCAATGTGGCAGAAGTAGATGCCCGGATTCCTTGGTCAAGTTTTTTGGGCTCTCAGTT
CAAACACACTCCACCAGTGGCATCACCTCTGCCTCTTGCCACGCTCCCTAAAAATGAAGATAACAAC
TTTTGATAAAGAGTTTCTTCTAGAATTGCTGGTGTCTCGCCATGAACGCCGATCTCTCAGATTCAGCAG
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TTGTGGCTTTCACTGTAGTCGAGGTTGCCAAACCAACATTGGTGAAGTGGCCAAACCCGAGTTCGTGC
AGATGTCACCATCAATCTGAATGTCAGAGACCACATCAAGGATGAGTGGGAAGGTCTTCGCAACACGAT



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GTATGCTTTTTAATTACTGTGCGTCCCACAAAACCTTACGGCACTAAGTTTGACAGGAGGAGGCCTTTTA
 TTGAGCAAGTTGGTCTGGTGTACGTGAGAGGCTGTGAGATCCAGGGCATGCTGGACGACAAAGGGCGAGT
 CATCGAAGACGGACCTGAACCCAGACCAATCTTAGAGGAGAGTCAAGGACATTTTCGAGTATTTTTGGAT
 CCAAACAGATATCAACAGGATATGACCAATACTATACAAAATGGAGCCGAAGATGTGTACGACACTTTCA
 ATGTCATAATGAGGAGGAAACCAAGGAGAATAACTTCAAGGCCGTGTTGGAGACTATTCGAAATCTGAT
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 AAGTTGGGTTCAAGTATGACAACATTTAATGGAAGAGGCTGCTCAGATTCTGGAGATAGAAACCTTTA
 TCCCATACTTCTGCAGAACTCAAGACGGATTCAGCCGATTGAAACGATGGATTATGATTGGTGATCA
 CCACCAATTGCCTCCAGTCATTAAGAACATGGCCTTTTCAGAAGTATTCCAATATGGAGCAGTCTCTTTTT
 ACTCGCTTTGTCGGGTTGGAGTTCCTACTGTGGACCTTGATGCTCAAGGAGAGCCCGGCCAGCTTGT
 GTAACCTCTACAACGGCTTACAAAACCTAGGGAACCTGCCACACGTGCAGCTCCTGCCAGAGTTCAG
 CACAGCCAACGCAGGCTGCTGTACGACTTCCAGCTCATCAATGTGGAAGACTTCCAGGGAGTGGGAGAG
 TCGGAGCCTAACCTTACTTCTACCAGAACCTCGGAGAGGCAGAGTACGTAGTAGCCTTTCATGTACA
 TGTGCTTGCTGGCTACCCTGCGGACAAGATCAGCATTCTGACGACCTACAATGGACAGAAGCACCTGAT
 CCGGGACATCATCAATAGGCGCTGTGGGAATAATCCACTATTGGGAGGCCGAACAAGGTGACAACCTGTT
 GATAGGTTCCAAGGTCAACAGAATGACTACATCCTCCTTCTCTAGTGGGACCAGGCGCTGGGCCATT
 TGAGGGATGTGCGCCGCTTGGTGGTAGCCATGTGAGAGCCAGGCTTGGCCTGTATATCTTCGCTAGAGT
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 CCATTATCATCAGACTTTCTTACAACCTACCGCTGCCATGGTGGGAAGAAGGTGAGGAGGTTTCAGAGCCAA
 GAAACAGAAATGGAAGCAGAAGAGGAACTGGGTCTGTTCAAGCTAACCTCACACCCAGTCCAACGGATG
 CCAGCTGAGTCAAGAGACCCCAACTTCTCAGCCTGACTGCTCCAATCAGACGGAGGCTGCCTCCAGTCA
 CACAGAAGATACCTCTGCTCTGTGTGACATTACTGACGCCGAGCCTGTCTCTGCAGCGGCAGAAGCT
 GCCACCCACAAGATGGGCTTCTGTTCCCGCAGAGACCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001100987
Insert Size: 4455 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:	<u>NM_001100987.1</u> , <u>NP_001094457.1</u>
RefSeq Size:	4888 bp
RefSeq ORF:	4455 bp
Locus ID:	366163
Cytogenetics:	3q35