

Product datasheet for **RN215671**

Ago4 (NM_001106686) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ago4 (NM_001106686) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ago4
Synonyms:	Eif2c4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215671 representing NM_001106686
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAACGAAAATATCGAGTTTGTAAATGTGACAAGACGACCAGCCAGTCATCAAACCTTCCCTTTGCAGC
 TAGAAAATGGTCAAGCTATGGAATGTACAGTAGCTCAGTATTTTAAAGCAAAAATAAATCTGCAGCTGAA
 AACTCCCATCTTCCCTGCCTTCAAGTGGGACAAGAGCAAAAGCATACATACCTGCCACTTGAGGTCTGT
 AATATAGTAGCAGGGCAGAGATGTATAAAGAAGCTCACAGACAACCAGACATCCACCATGATCAAAGCCA
 CAGCGAGATCTGCTCCTGACAGACAGGAGGAAATCAGTAGACTGGTGAAGAGCAACAGCGTGCTGGGTGG
 ACCTGACCATACCTGAAGGAATTTGGGATCGTTGTGCACAATGAGATGACGGAACCTCATGGGCAGGGTG
 CTTCCGGCGCCAATGCTGCAGTATGGAGGCCGGAATAAACAGTAGCCACACCCAACCAGGGTGTCTGGG
 ACATGCGAGGAAAGCAGTTTTATGCTGGCATTGAAATTAAGTATGGGCAGTGGCTTGTCTTTCGCCTCA
 GAAACAATGTAGGGAAGATTTGCTAAAGAGCTTCACTGACCAACTTCGTAATAATCTCAAAGGATGCAGGG
 ATGCCATCCAGGGTCAACCATGTTTCTGCAAAATATGCTCAAGGTGCAGACAGTGTGGAGCCCATGTTTA
 AACATCTGAAAATGACATATGTGGCCCTGCAGCTAATAGTGGTGATTTTGCCTGGGAAGACACCAGTATA
 TGCGGAGGTGAAGCGTGTGGAGATACCTCCTAGGTATGGCCACGCAGTGTGTCCAGGTCAAAAATGTT
 GTGAAGACCTCGCCACAAACCTTTCCAACCTTGTCTGAAGATAAACGCAAAGCTTGGAGGAATTAACA
 ACGTACTTGTGCCTCATCAAAGGCCCTCAGTGTCCAGCAGCCTGTCATCTTCTGGGAGCAGATGTCAC
 TCATCCACCTGCTGGGATGGGAAGAAGCCTTCTATTGCAGCGGTGGTGGGCAGCATGGATGGCCATCCC
 AGTCCGTAAGTGCAGGACCTGACGAGCATGGCTCGGGAGCTGCTGATTCACTATAAGTCCACGCGCTT
 CAAGCCCACGCGTATCATCTACTACCGCGGAGGGTATCCGAGGGACAGATGAAACAGGTAGCTTGGCCA
 GAACTAATAGCAATTCGAAAGGCATGTATAAGTCTGGAGGAAGACTACCGGCCAGGAATAACCTACATTG
 TGGTACAAAAGCGACATCACACGACTCTTCTGTGCAGATAAAAACAGAAAGGGTGGGAAAAAGTGGCAA
 TGTCCCAGCAGGCACTACGGTGGATAGCACCATCACACATCCATCGGAGTTTGACTTTTACCTCTGCAGT
 CATGCAGGAATTCAGGGAACAGTCGTCTTACATTACCAGGTCTGTGGGATGACAACCTGCTTTACCG
 CGGATGAACTGCAGCTGCTGACCTACCAGCTCTGCCACACCTACGTGAGGTGCACACGCTCAGTCTCCAT
 TCCTGCCCTGCATATTATGCCCGCTTGTAGCATTCCGGGCAAGGTATCATTGGTGGACAAAGATCAT
 GACAGTCCGGAAGGCAGTCACGTGTGAGACAGAGCAACGGCCGGGATCTCAAGCCTTGCTAAGCGCG
 TGCAGATCCACCATGATACCCAGCACACTATGATTTTTGCC**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001106686

Insert Size: 1794 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_001106686.1, NP_001100156.1

RefSeq Size: 3737 bp

RefSeq ORF: 1794 bp

Locus ID: 298533

Cytogenetics: 5q36