

Product datasheet for **RN217271**

Ago3 (NM_001271193) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ago3 (NM_001271193) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ago3
Synonyms:	Eif2c3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217271 representing NM_001271193
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAATCGGCTCCGCAGGACCCATTGGGGCCAGCCCCTACTCATAGTGCCCAAGACCTGGGTATG
 GCACTATGGGCAAACCCATTAACTGTTGGCTAACTGTTTTCAAGTTGAAATCCCAAAGATCGATGTCTA
 CCTCTATGAGGTCGACATCAAACCCGACAAGTGTCTCGAAGAGTGAACAGAGAAGTAGTTGACTCAATG
 GTTCAGCATTTTAAAGTGACTATATTTGGAGACCGTAGACCAGTTTATGATGGAAAAAGAAGCCTTTACA
 CAGCCAATCCACTTCTGTGGCAACTACTGGGGTAGATTTAGATGTTACTTTACCTGGGGAAGGTGGAAA
 AGATCGCCCTTTCAAGGTGTGAGTGAAGTTTGTGTCCAGAGTCAGTTGGCACCTACTACATGAAGTTCTG
 ACTGGTCGGACTTTGCCCTGAGCCACTGGAATTAGACAAGCCAATCAGCACTAACCCGGTCCATGCCGTTG
 ATGTGGTGTCCGACATCTGCCCTATGAAATATACGCTGTGGGGCGCTCTTTTTCTCAGCTCCAGA
 AGGATACGACCACCTCTTGGAGGGGGCAGGGAAGTATGGTTTGGATTCCATCAATCTGTTCCGGCTGCC
 ATGTGGAAAAATGATGCTCAATATTGATGTTTCTGCCACTGCCTTTTACAAGCACAGCCTGTCATTCAGT
 TCATGTGTGAAGTTCTTGACATTCACAACATCGATGAGCAACCCAGACCCCTGACCGATTCTCATCGGGT
 AAAATTCCTAAGGAGATAAAGGTCTGAAGGTTGAAGTGACTCATTGTGGAACAATGAGACGGAATAC
 CGTGTCTGTAATGTAACAAGAAGCCTGCCAGCCACCAACATTTCTTTACAGCTAGAAAAATGGCCAAA
 CTGTGGAGAGAACTGTAGCTCAGTATTTCCGAGAAAAGTACACACTTCAGCTGAAGTACCCACACCTTCC
 CTGTCTGCAAGTGGGCGAGGAGCAGAAGCATACATACCTGCCACTAGAAGTCTGTAATATTGTGGCTGGA
 CAGAGGTGTATCAAGAACTAACAGACAATCAGACTTCTACTATGATTAAGGCAACAGCAAGATCTGCAC
 CAGATAGACAAGAGGAAATAGCAGATTGGTAAGAAAGTCAAAATTAAGAAACAGATCCATTTGTTGTTG
 GTTTCAGTTTTAAAGTGGGGATGAGATGGCCCATGTGACCGGTGAGTACTGCCAGCACCTATGCTCCAG
 TATGGAGGACGGAACCGGACAGTACCAACCAAGCCACGGAGTATGGGACATGAGAGGAAAAAGTTCC
 ACACAGGAGTTGAAATCAAAATGTGGGCTATCGCTTGCTTTGCCACACAGAGGAGTGCAGAGAAGAAAT
 ACTGAAAGGATTCACAGACCAGCTTCGGAAGATCTCCAAGGATGCAGGGATGCCCATCCAGGGTCAGCCA
 TGTTTTCTGCAAAACGCACAGGGGGCAGACAGCGTGGAGCCCATGTTCCGGCATCTCAAGAATACCTACT
 CAGGACTGCAGCTCATTATCGTCATCCTGCCTGGGAAGACGCCGTATATGCGGAGGTGAAGCGTGTAGG
 AGACACACTTTTGGGTATGGCCACACAGTGTGTGCAAGTCAAGAATGTAATAAAAAACATCTCCTCAAAT
 CTTTCAAACCTGTGCCTAAAGATCAATGTTAAACTTGGAGGAATCAATAATTTCTGTACCTCATCAA
 GACCTTCTGTGTTCCAGCAACCAGTGATCTTCTGGGCGCAGATGCACACACCCGCCTGCTGGTGACGG
 GAAGAAGCCTTCCATTGCTGCTGTTGTAGGCAGTATGGATGCCCATCCAAGCAGATACTGTGCCACAGTG
 AGAGTTACAGACCCCGACAGGAAATCATCCAGGACTTGGCTCCATGGTCCGGGAACTGCTCATCCAAT
 TTTACAAGTCAACCCGATTCAAACCTACTCGGATCATCTTTATCGGGATGGTGTTCGGAAGGACAGTT
 TAGACAGGTATTATATTAGAGTCTGGCAATTCGAGAAGCCTGTATCAGTTTGGAAAAAGACTATCAA
 CCTGGAATAACCTACATTGTCGTTTCAGAAGAGACATCATACGCGATTGTTCTGTGCTGATAGAACAGAAA
 GGGTGGGAAGAAGCGGCAACATCCAGCTGGAACCACAGTGGATACAGACATCACTCACCCGATGAATT
 CGACTTTTATCTCTGACCCATGCTGGAATACAGGGAACCAGCCGCTCTTCTCACTATCAGTTCTGTGG
 GATGACAACCTGCTTCACTGCGGATGAACTGCAGCTGCTGACCTACCAGCTCTGCCACACCTACGTGCGCT
 GTACCAGTCCGTGTCGATCCCTGCACCAGCTACTATGCTCACCTGGTGGCGTTGAGAGCCAGGTACCA
 TCTGGTGGACAAGGAGCATGACAGTGTGAAGGAAGCCATGTGTGAGGACAGAGCAATGGACGAGATCCA
 CAAGCTCTTGCCAAGGCTGTCCAGATTCACCAAGATACCTTACGCACAATGTACTTCGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001271193
Insert Size: 2583 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001271193.1, NP_001258122.1</u>
RefSeq Size:	3150 bp
RefSeq ORF:	2583 bp
Locus ID:	313593
Cytogenetics:	5q36