

Product datasheet for **RN215363**

Atg4c (NM_001107948) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atg4c (NM_001107948) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atg4c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215363 representing NM_001107948 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCGTCAGGAACAGATGAAGTTGACAAGCTAAAACTAAATTTATATCTGCTTGAACAACATGA
AATATAGTTGGGTGTTGAAAACAAAGACATATTTAGTAGAACTCACCTGTTTTATTGCTTGGAAAATG
TTATCATTAAAAATGAAGATGAAAGCAAGGTGGCCGCAAGATCAGGATGTGCCATTGAAGATCAT
GTAATTGCAGGCAATGTGGAAGAGTTCGGTAAGGATTTCAATTTCTAGAATATGGCTGACCTACAGGGGAA
AATTTCTCAAATAGAAGCTTCAGCCTTACGACAGACTGTGGCTGGGGCTGTACTGCGGACCGGCCA
GATGCTGCTGGCTCAGGGACTCATACTACATTTCTCGGTAGAGCCTGGACCTGGCCGACGCACTGCAC
ATTGAGAGTTCGGACTCCGACTCATGGACCTCCAACACCATCCACAAGTTCAGTGCCTCTTTGAAGCCT
CCCTTTCAGGGGAGAGAGAACTCCGACCCAGCAGTCTCTCTGAAGGAAACGTCCGGGAAGCATCCCGA
CGACCATGCAGTACAGAGTGAGATTTACCACAGGCAGATCATCTTTGGTTTGGAGACTCCCTGTGGCT
GTCTTTGGCTTACATCGCTGATAGAGTTCGGGAAGAAGTCTGGGAAGAAAGCTGGTACTGGTATGGAC
CAGCAGTGGTTGCTCACATTTAAAGAAAAGCAGTTGAAGAAGCAAGGCATCCGGATTTGCAAGGGCTAAC
AATTTATGTTGCCAGGACTGTACAGTTTACAATTCATGTAATTGATAAGCAGACTGATTCTGTGACG
GCTGGAGATGCTCGTGACAAGGCTGTTATTATTTAGTTCCTGTTAGGCTTGGTGGAGAAAGAACCAACA
TTGACTATCTGGAGTTTGTGAAGGGTGTTTAAGCCTTGAGTATTGTGTTGGTATCATTGGCGGCAAAC
GAAACAGTCATACTACTTTGCTGGATTTCAAGATGACAGTTTGATTTACATGGATCCTCATTACTGCCAG
TCTTTTGTAGATGTCAGCATAAAGGATTTCCCTCTCGAGACATCCACTGTCCATCTCCTAAGAAGATGT
CATTTGAAAAATGGATCCTAGTTGCACGATAGGATTTACTGTGAAAATGTCCAGGACTTTGAACGAGC
ATCTGAAGAAATCACTAAGATGTTGAAAATTTCCCTCTAAGGAGAAATATCCATTATTTACTTTGTAAAT
GGCCATTCCAGAGACTTTGATTTTACGTCCACTGCAGCCAGTGAGGAAGACCTTTTCTTAGAAGATGAAA
AGAAGAATTTCAAAGATTTAGCACAGAAGAGTTTGTCCCTCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107948
Insert Size:	1377 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_001107948.1, NP_001101418.1</u>
RefSeq Size:	2331 bp
RefSeq ORF:	1377 bp
Locus ID:	313391
Cytogenetics:	5q33