

Product datasheet for **RN216386**

Awat2 (NM_001191724) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Awat2 (NM_001191724) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Awat2
 Synonyms: Dgat2l4; RGD1565111
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN216386 representing NM_001191724
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTGGCCTACCAAGAAGGACCTCAAGACTGCCATGGAGGTCTTTGCTCTTTCCAGTGGGCCCTCA
 GCGCCTTGGTTATAGTCATCACTGTGATCATGGTCAACCTCTACTTGGTGGTGTTCACATCGTTCTGGCC
 TGTCACGTGTGTTGATGCTCCTCTGGTTGGCTTTGACTGGAAGACACCTGAGCGAGGTGGCCGTCGGTTC
 AACTGTGTGAGAAGGTGGTGTCTGTGGAACACTACAGCAATACTTCCCACTCAAGATTGTAAAGACAA
 AAGATATTTCCAACCAACCACAACACTACATCCTTGCCTGCCATCCTCATGGGCTGCTGTCCCATTATGGTT
 TGGTCACTTTTCCACTGACACAACAGGCTTTTCCAAGATCTTTCCTGGTATCACTCCTTATATGCTCACA
 TTAGGAGCCTTTTCTGGGTGCCTTTCCTCAGAGAGTATAAATGTCTACAGGGCCTGCTCTGTGAGTC
 AATCGTCCATAGACTTTTGTCTACTCAGAAGGGCACAGGCAACATGCTTGTGTGGTGGTTGGTGGCCT
 GGCTGAGTGCAAATACAGCATGCCCGGCTCTACCACCTGTTCTTGAAGAAACGGCAGGGCTTTGTACGC
 ACAGCCCTTCGATATGGGGTGTCTCTAATCCCCGCTTATGCCTTGGAGAGGCAGACCTCTATGACCAGC
 ACATTTTCACTCCTGGGAGCTTTATCAGTCACTTTCAGAAGTGGTCCAGAAGATGGTACACGCTACCC
 CTGTGCTTTCTATGGACGTGGCTTCAACCAAGAACTCCTGGGGCCTTCTGCCATATTCTCAGCCAGTAACC
 ACTATTGTCGGGGAACCTCTACCATTGCCCAAGATTGAGAATCCGAGCCAGGAGATTGTGGCCAAATACC
 ACACACTCTATATTGATGCCCTACGCAAATTGTTGATCAGCATAAGACCAAGTTTGGCATCTCAGAGAC
 CCAGGAGCTGGTATAATTGA

ACGGTACGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001191724



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Insert Size:	1002 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_001191724.1, NP_001178653.1</u>
RefSeq Size:	1002 bp
RefSeq ORF:	1002 bp
Locus ID:	302425
Cytogenetics:	Xq22