

Product datasheet for **RN202585**

Awat1 (NM_001109371) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Awat1 (NM_001109371) Rat Untagged Clone

Tag: Tag Free

Symbol: Awat1

Synonyms: Dgat2l3

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN202585 representing NM_001109371

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTGTCTCTATGAAGCTTGAATACTTACAAAGTCTGAGTCTTCTGCAGTGGCCCTTGAGCTACCTTG
CTATCTTTTGGATCGTGCAGCCATTGTTCTTTAGCCTATTTTTCACACCCTTGCGCTGCTACCATCACT
TTACGTTGTGGTTCATTCTGGACTGGAAGACTCCAAATCAAGGTGGCAGGCGTTCAGCCTGGGTAAGG
AACTGGAACATCTGGACCCACATCAGGGATTATTTCCCATTACAATCCTGAAGACTAAGGACCTGTCAC
CTTCACAGAACTACATCATGGGGTCCACCCCATGGTCTCCTGACCTTCGGTGCCTTCTGCAACTTCTG
TACTGAGGCCACAGGCTTCTCGAAGACCTTCCCAGGCATCACTCCTCACTTGGCCACACTGCTCTGGTTC
TTCAAGATCCCCCTTATTAGGGACTACATCATGGCCAAAGGAGTGTGTTCTGTGAGCCAAGCATCCATCG
ACTACCTGCTGAGCCATGGCACTGGAAACCTCGTGGGCATTGTTGTGGGAGGAGTGGGAGAGGCCCTACA
GAGTGTGCCGAACACCACCCTCATCTCAAGAAGCGCAAAGGGTTTGTGCGCACAGCCCTCCGACAT
GGGGCTCATCTGGTCCCTACCTTACATTTGGAGAAACAGAGGTATATGACCAGGTAGTGTTCATGAGG
AGAGCCGATGTTCAAGTTCAAAGCTTCTTTCCGCGGATCTTCGGGTTCTATTTTGTGCTTCTATGG
ACAAGGCTTCCATCAAGAATGTAAGGGACTCCTACCATAACCACAGACCCATCGTCACTGTAGTTGGGGAA
CCTTTGCCACTACCCAGGTTAAAAACCAAGCCAGAGATAGTGGACAAATACCATGCACTCTACATGG
ATGCCCTGTACAAGCTGTTTGAGCAACACAAGGTCCAGTATGGCTGCTCCGACACCCAGAAGCTGATGTT
CTTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001109371
Insert Size:	987 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:	<u>NM_001109371.1, NP_001102841.1</u>
RefSeq Size:	1331 bp
RefSeq ORF:	987 bp
Locus ID:	679520
Cytogenetics:	Xq22