

## Product datasheet for **SC217295**

### **DGAT1 (NM\_012079) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	DGAT1 (NM_012079) Human 3' UTR Clone
Symbol:	DGAT1
Synonyms:	ARAT; ARGP1; DGAT; DIAR7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012079
Insert Size:	2000 bp



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**Insert Sequence:** >SC217295 3'UTR clone of NM\_012079  
 The sequence shown below is from the reference sequence of NM\_012079. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTATGAGGCCCCAGCGGCAGAGGCCAGAGCTGCACCTGAGGGCCTGGCTTCTCACTGCCACCTCACA
CCCCTGCCAGAGCCACCTCTCCTCCTAGGCCTCGAGTCTGGGGATGGGCCTGGCTGCACAGCATCC
TCTCTGGTCCCAGGGAGGCCTCTCTGCCCTATGGGGCTCTGTCTGCACCCCTCAGGGATGGCGACA
GCAGGCCAGACAGTCTGATGCCAGTGGGAGTCTTGTCTGACCTGCCCGGGTCCGAGGGTGTCAAT
AAAGTGTGTCCAGTACCTCTTCAGCCTGCCAGGGCCTGGGGCCTGGTGGGGGTATGGCCACACCC
ACAAGGGCGAGTCCAGAGCTGTGTGGACAGTGTCCAGGACCTGCCGGGAGCAGCAGCTCCACTGC
AGCAGGGCGGGCATGGCCGGTAGGGGAGTGCAAGGCCAGGCAGACGCCCCATTCCCACACTCCCCT
ACCTAGAAAAGCTCAGCTCAGGCGTCTCTCCTGGTGTACTCCTGCTGGGTGTGCGGGAATCGGCACT
CTGGCCCTCAGTGCAGGATGGTCAACTGCACCCACCGTCTCAGCTTCACTGGGAAGAGGTCGGCC
CTGGGTTTGGCGGAAGTGGGCTCCAGCCAGGATGGCCAGGGATGGGCAGTCCACAGGGCCTTTCTGGT
GTGGGTCTGGTGAAGCGAGGGGCTACGGTACACAATGGCTATGTCCATGGCTATTCGCCTTGGGGCAGG
GCTCGGTTTGGCAGCCTCTTTCCTTCACTTGGAACTGGGCAGCCAGGTGGGCTGGTGGCTCTCAGCTG
CCCTCCACGAGGTTGGGGCACCCCTGATCCCCAGGCCTGCCTTGGCCCTGTCTTCTGGCACCAGGCT
GGGCAGTGCAGACAGCGCAGCCCTGCAGCCTTCAGGACACCTTGTCCCAGGCCCTGCAATCCACCAAG
CTGGATAGATGGGGCCCCCTTGATGGTAGCGGGAGTCAAGGGTAACCCAGGGCCTGGTGTCCCAGACCTG
CACCTATGGCCCAACAAGGCAGGTGTTTGGAGAGGCCCTGCACAGGGTCCCAGGACTGCACAGGGGCC
TCATCAGCAACCTGCTGAACTGGTGGTGTGAGGGGAGGGTGGGCTCCCTTGGTGGTATCCTCCCTTAC
CCCAGTGGGGGCTGGTGGCCCTGAGATGGAGGCATCTCCTTGGGCCCTGCTGAGGATGGCAGTAGTGG
GTGAGCTCCTGGTGGGGGATGGGTGTGGGGCCGACTCCTCCATCCCACATGGGCTCCTGTGCCTCTCC
CTATCAGTTGGCCAGTGGAGCTCGAGAACAACCTGTTGCTGCCAGATAAAGCAGCAAAGCCTGCTCCAC
TGCCAGCGCAGGCCCTTCCCTTCTCCACCAGGCTGAGTGGAGAACCCTAAAGCTACGGGACAGGC
TCCCGTCCCCGTGCCTACACAGGGTGTGGCTCTGGCAGAAAGACAGTGTGCCCGCCCCGCATCACCT
GTCCGAGTGCGAACACCTTGGGAAGGGGTTTCTGGTGGTCTGTGACAACCAGAGACCCCCAGGGCCA
AGGTGAGGCGCCACCCCTGGTCCCTCAATAAAGAAGTGAAGCACATGCTGGTCCCTGGGAGTCCGGGC
AGGCACGGAGCTAGTGAAGCATCCGTCTTCCCCAGGAGGCCACTGCAGCCCGGCCCTTCTGTGCC
TGGGCCCTCCTCATTGCAGCACCCACCACCCCTGGGACAGAGGAAACACATGGAGGCCATA
GCATAGAGCCTGTCTGTTATAGATCTCTGCCTGTCTTGTCCGTCCATCCACTGTGTGTATATCTGT
GTATCTCTGTGGAGCGGGGAACGGGACAGTTGTGTAATAAATCCAAATACAATTCTGACTATGAACAA
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_012079.6](#)

**Summary:** This gene encodes an multipass transmembrane protein that functions as a key metabolic enzyme. The encoded protein catalyzes the conversion of diacylglycerol and fatty acyl CoA to triacylglycerol. This enzyme can also transfer acyl CoA to retinol. Activity of this protein may be associated with obesity and other metabolic diseases. [provided by RefSeq, Jul 2013]

**Locus ID:** 8694

**MW:** 69.9