

Product datasheet for **SC212141**

DGAT2 (NM_032564) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DGAT2 (NM_032564) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DGAT2
Synonyms: ARAT; GS1999FULL; HMFN1045
ACCN: NM_032564
Insert Size: 1056 bp
Insert Sequence: >SC212141 3'UTR clone of NM_032564
The sequence shown below is from the reference sequence of NM_032564. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGGAGACTGAGGTCCTGGAGGTGAACTGAGCCAGCCTTCGGGGCCAATTCCTGGAGGAACCAGCTGC
AAATCACTTTTTGCTCTGTAAATTTGGAAGTGCATGGGTGTCGTGGGTTATTTAAAAGAAATTATA
ACAATTTTGCTAAACCATTACAATGTTAGGTCTTTTTTAAGAAGGAAAAAGTCAGTATTTCAAGTTCTT
TCACTTCCAGCTTGCCCTGTTCTAGGTGGTGGCTAAATCTGGGCCTAATCTGGGTGGCTCAGCTAACCT
CTTTCTCCCTTCTGAAGTGACAAAGGAAACTCAGTCTTCTTGGGGAAGAAGGATTGCCATTAGTGA
CTTGACCAGTTAGATGATTCACTTTTTGGCCCTAGGGATGAGAGGGCAAAGCCACTTCTCATAACAAGC
CCCTTTATTGCCACTACCCACGCTCGTCTAGTCTGAACTGCAGGACCAGTTTCTCTGCCAAGGGGA
GGAGTTGGAGAGCACAGTTGCCCGTTGTGTGAGGGCAGTAGTAGGCATCTGGAATGCTCCAGTTTGAT
CTCCCTTCTGCCACCCCTACCTACCCCTAGTCACTCATATCGGAGCCTGGACTGGCCTCCAGGATGAG
GATGGGGGTGGCAATGACACCCTGCAGGGGAAAGGACTGCCCCCATGCACCATTGCAGGGAGGATGCC
GCCACCATGAGCTAGGTGGAGTAACTGGTTTTTCTTGGGTGGCTGATGACATGGATGCAGCACAGACTC
AGCCTTGGCCTGGAGCACATGCTTACTGGTGGCCTCAGTTTACCTTCCCAGATCCTAGATTCTGGATG
TGAGGAAGAGATCCCTCTTCAAGAGGGGCTGGCCTTCTGAGCAGCAGATTAGTTCCAAAGCAGGTGGC
CCCCGAACCAAGCCTCACTTTTCTGTGCCTTCTGAGGGGGTGGGCCGGGGAGAAACCAACCCCTC
TCCTGTGTGTTCTGTTATCTTTGATGAGATCATTGCACCATGTCAGACTTTTGTATATGCCTTGAAAA
TAAATGAAAGTGAGAATCCTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_032564.5</u>
Summary:	This gene encodes one of two enzymes which catalyzes the final reaction in the synthesis of triglycerides in which diacylglycerol is covalently bound to long chain fatty acyl-CoAs. The encoded protein catalyzes this reaction at low concentrations of magnesium chloride while the other enzyme has high activity at high concentrations of magnesium chloride. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]
Locus ID:	84649
MW:	38.3