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Product datasheet for SC202511

Apolipoprotein D (APOD) (NM_001647) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Apolipoprotein D (APOD) (NM_001647) Human 3' UTR Clone
Symbol:	Apolipoprotein D
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001647
Insert Size:	225 bp
Insert Sequence:	>SC202511 3'UTR clone of NM_001647 The sequence shown below is from the reference sequence of NM_001647. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GACCAGGTGAACTGCCCCAAGCTCTCGTAACCAGGTTCTACAGGGAGGCTGCACCCACTCCATGTTACT TCTGCTTCGCTTTCCCCTACCCCCCCCCCATAAAGACAAACCAATCAACCACGACAAAGGAAGTTGACC TGAACATGTAACCATGCCCTACCCTGTTACCTTGCTAGCTGCAAAATAAACTTGTTGCTGACCTGCTGT GCTCGCAGTAGATTCCAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_001647.4

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Summary: This gene encodes a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism. [provided by RefSeq, Aug 2008]

Locus ID: 347

MW: 8.3