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Product datasheet for SC207981

CRAT (NM_000755) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: CRAT (NM_000755) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: CRAT

Synonyms: CAT; CAT1; NBIA8

ACCN: NM_000755

Insert Size: 629 bp

Insert Sequence:

>SC207981 3' UTR clone of NM_000755
The sequence shown below is from the reference sequence of NM_000755. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

ATGCGTGCCCTGCTGCAGAGCCACCCCCGGGCCAAGCTC**TGA**GCCCCTAGGACTCAGGCCTGCCAATGCC
ACAGCCAAGCCCACCCTGGGATGGGCCACCCACCAGGGCTCAGCTCCTTGGTTCCCTCTTCCTTGGTTCC
CTCTTCCCTGGTCCCCCCAAATCTACTGAGCCACGGACCGCATCCTCCAGGGGGCCTGCAGGCCCCAGCC
AAGTGCCTTCCGTGGGTCATCCCAGCACCTGCCAGGGCCCGACCTGGGGCTGAGTGCAGAGGCTGAGCAG
GACGTTAGGCCCGGGCCCCTGGCACGTCCTCCACCGGTGCCTCCTCTGGGGAAGGGAACCAGCCCTCCAG
AGCAGGAGACTGGCAAGAGCTCTTTGTCTCACCAGCTCAGCCCCGGCCACTCCCTGCCAACTCCATGACC
AGGCCACCATCTGTACCCTGCTTCCCAAACTCCCAGGACCTGGAGACAGGATTGTCTGGGGCCGAGGGGC
CAGGGTGTGAGGTTTCACCTCCGTTGCGGCTGTGCTCCTGTGGATAACATTGCTAGCGAGCCGCCTCTGG
TTCCACTCAGCTTGGTTCCTGCCCCCGCCCTGCTGTATGATATTAATGTGGAAGGTCATCAATAAAGGG

ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

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.

View online »

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RefSeq: NM_000755.3

Summary: This gene encodes carnitine O-acetyltransferase, a member of the carnitine acyltransferase family and a key metabolic pathway enzyme which plays an important role in energy homeostasis and fat metabolism. This enzyme catalyzes the reversible transfer of acyl groups from an acyl-CoA thioester to carnitine and regulates the ratio of acyl-CoA/CoA. It is found in both the mitochondria and the peroxisome. Alternative splicing results in transcript variants encoding different isoforms that may localize to different subcellular compartments. [provided by RefSeq, Oct 2016]

Locus ID: 1384

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