

Product datasheet for SC212939

CROT (NM_001143935) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CROT (NM_001143935) Human 3' UTR Clone
Symbol: CROT
Synonyms: COT
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_001143935
Insert Size: 1180 bp

Insert Sequence: >SC212939 3'UTR clone of NM_001143935
The sequence shown below is from the reference sequence of NM_001143935. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATACAGCTGATGAACTCTACTCATCTTTAGAGATGAATCATCTATTAAGCACTTACCAAAACATATCAT
TAAACTGAGTGTGGGAGTGAGTTGGTAATATGAGATGGGAAGGAATGTTGACTTGCTAACATTCCTTT
AACAAGTTAAGAAAAGTGTAAATGTAGAAATTAGTAGAATCATGCTCTCTAAATTTATTCTGCCATA
GAAGGTAGAAATATTTTTAAGCTCCTCTGATGCAGCAGCAATGCAAATTATGACATAGTGAATATAGAA
CTATGCAGTATTTAAGCCTCAACAATCCAAATCTACAACTTTAACAATGCAAGTCTTACTCTAATTTT
TAAGTATTTTTGTTGGTACTTACATGGGTATAAATCCTCTCTCTGGACATCAATGTAGAGTCCATCTT
TCAAGCACTTTAATTTTTTAGCTGCCAAAGGGTATGAATTACATTATTGTATGCTAATTTCCCTGAAA
TCAATGCCTTCTATGTTCAACACAGGGATACAAGCCTGTTATGTTTGATGGGAAAGACCACTACAATCT
AATGGTGTCTAAAAAAGCTTTTTGGGCTGGGTGCAGTGGCTCATGCCTATAATCTTAGCACTTTGGG
AGGCCAAGGTAGGAGGATTGCTTGAAGCTAGGAGTTTGAAGCAGCCTGGGCAACAGGGTAAGTCTCTG
TCTCTACAAGATCAAAAAGCTTAGCCGGGTATGGTGGTGCATGTGTGCCTGTAGTCCAAGCTACTTGAAG
GCTGAGACAGGAGGATCGGTTGAGCCAGGAGGTTGTGGCTGAGTGTGCTGTGCTGCTGCTGCTGCTGCT
ATAGCCTGGGCAAGAGCTGAGACCTGTCTCAAAGAAGAAAAAAGAGAAAAAATAACTTTTTGAACA
AACAGACAAATTAGCTAGTAGTATGGAGATGTATACCCTCTATTACACACATAAAAACCGTAACAAAATT
CATTGTGGTGTATTATAATTAGTTTTGTGAATAGAAAAATAAGCACTTATGTTTAAATTTGTTACAGT
GACTTTTAAAGGATTAATGTTGAATCACATTGTGAGAATTTTTCTCCTCGCTGTTCAATTTTGTAGT
TTTTACTCTCAAAAATGAAATCTCAAATATATAGCTTTTTGTTTTGTTTGAATAAATGATTCATT
CCTGTTT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```



[View online »](#)

Restriction Sites:	Sgfl-Mlul
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_001143935.2
Summary:	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4,8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium- and long- chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described.[provided by RefSeq, Jan 2009]
Locus ID:	54677
MW:	45.4