

Product datasheet for SC212937

CROT (NM_021151) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CROT (NM_021151) Human 3' UTR Clone
Symbol:	CROT
Synonyms:	COT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021151
Insert Size:	1180 bp
Insert Sequence:	>SC212937 3'UTR clone of NM_021151

The sequence shown below is from the reference sequence of NM_021151. 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
ATACAGCTGATGAACTCTACTCATCTTAGAGATGAATCATCTATTAAGCACTTACCAAAACATATCAT
TAAACTGAGTGTGGGAGTGAGTTGGTAATATGAGATGGGAAGGAATGTTGACTTGCTAACATTCCTTT
AACAAAGTTAAGAAAAGTGTAAATGTAGAAATTAGTAGAATCATGCTCTCTAAATTTATTCTGCCATA
GAAGGTAGAAATATTTTTAAGCTCCTCTGATGCAGCAGCAATGCAAATTATGACATAGTGAATATAGAA
CTATGCAGTATTTAAGCCTCAACAATCCAAATCTACAACTTTAAACAATGCAAGTCTTACTCTAATTTT
TAAGTATTTTTGTTGGTACTTACATGGGTATAAATCCTCTCTCTGGACATCAATGTAGAGTCCATCTT
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TCAATGCCTTCTATGTTCAACACAGGGATACAAGCCTGTTATGTTTGATGGGAAAGACCACTACAATCT
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TCTCTACAAGATCAAAAAGTCTAGCCGGGTATGGTGGTGCATGTGTGCCTGTAGTCCAAGTACTTGAAG
GCTGAGACAGGAGGATCGGTTGAGCCAGGAGGTTGTGGCTGCAGTGCAGTGTGATGTGCCCTTATGCT
ATAGCCTGGGCAAGAGCTGAGACCCTGTCTCAAAGAAGAAAAAAGAGAAAAAATAACTTTTTGAACA
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CATTGTGGTGTATTATAATTAGTTTTGTGAATAGAAAAATAAGCACTTATGTTTAAATTTGTTACAGT
GACTTTTAAAGGATTAATGTTGAATCACATTGTGAGAATTTTTCTCCTCGCTGTTCAATTTTGTAGT
TTTTACTCTCAAAAATGAAATTCTCAAATTATATAGCTTTTTGTTTTGTTGAATAAATGATTCATT
CCTGTTT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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_021151.4
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