

Product datasheet for **SC210319**

C9orf41 (CARNMT1) (NM_152420) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	C9orf41
Synonyms:	C9orf41; UPF0586
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_152420
Insert Size:	2000 bp



Insert Sequence:

>SC210319 3'UTR clone of NM_152420

The sequence shown below is from the reference sequence of NM_152420. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GTCTTGTGTTGGTCCGTAAGCCACAATTAATGGTCTCAAGTGATACACCTGGAAAAAGTTTAGTAAG
AACAAATGCTGAAATCAACGACTCAAAATCAACTATCAGTGATGACAGGACACAACCTCAAAATCAGTGG
TGCTTCTTATTCTAAGCAATTTAGAAATAGTGTCTATTTTCTAATATGCTATTGCTTTTTTTCAGA
AATATACTATGCCATGCAGATTTGTACTACACAAGTAAAAATGGAGGAAATGTCTTGAAGTATACATTTT
TCCTTGAAGCCGAGAATTGTGTTTCAGTAGGAAAAAACCTAATCTCCAGTGTCTTCATGATGCTGTCC
ATTGCAAGTCTGCCGAATTAATGACTAATAGTATTGAAGTACATAATAATCTTCCTTTTTTTTGTGTTT
TGTATGCATTGCACATGTAACTTTTAGAAGAGTCTAAGGATCCTCAGTCATATTCAACATCTGGAGTTG
GGACTTTGTTCACTTTCAATCTAAGAAAACTATGCGTAAAAATATGCTTTTTTTTTTTTTTTTCTTCAGA
GACAGGATCCCGCTCTGTCTCCAGGCCGAGTGCAGTGGCAGCATAGCTCACTGTAACCTCAAAC
TCCTGGACTCAAGCGATCTTCTGCCTTAGCCTTAGCCTCCTGAGTAGCTAGGACTGTAGGCATGTACC
ACCGCGCTGGCCTGTGTCTATTTTATCATTAGATTAATTTAATTTTGTATTTTCTGGCTCAGATGAA
CTTAAAGAAGCATCAACATTTCTTTTTTATGAAATGTTAAATTTAATAGCATCACAGGCCGGTAAAAAT
ATATTCAGTAACAGAAATATCAAGTCTTTTGGCCACAATAAACTGAACACTTTATGAAAGCATATC
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GTAGTGCTAGGAAACAGAGAAATAAGAATAAAATTTACCCATTTGAAATATGTGATTTTCAGACTCTA
AATGAATACAGAGTTTGACAGTGTGATGTTTACAATAATGTCTTTTCTTAGAATATCTGGATTATGAA
AGCAAGCACTTTTTTCATTAATAAAATATATACTAGGAAAACTGTCATAATAGTATTAAATGTGGGGA
ATTTTGATTATGAAATTCAGGATATATTACTGCCCGTGGTCTGTGTCTTCAATATTGTAAGCAGCAGC
CATCATGTAATTTTCAGATTAATACCAATTTTGTCCCTGATAGATGGAGCTTAACAGTATATGCTGCT
TTAAATTTCTACCTCTAGCAGATCTTTATTGGAGGGAGTTTCTTTGTATTTTAAATGTATGATATT
CTGTTTCCAGTAGCTTGAAAAGTAGAGATGACTAATGTTTTAGCCTTTTCTTGAGAAAAAGGAAGAACT
CTTCTTGAATATTTTACAGATGATTGTGATTGCTTTAAATGACCTCTGTGGCAATTTAAATAGATGG
ATTTAATCTCAGTAATGTGCTGGTGCATAAATGTCATGTTTTAATAGGAAAAGTTACTTGTAAATCTT
TAGACCTTTGTGTCATTTAGGCTGGGAGTCACTACCCTATTGGCATCTTACTAGTTGGGGGACCT
TTTCCGTGTACAGTGTGGGACTTTTGTGACCTTTACTCTCACTATGCAATAGAGGGTTTCAATGTAGTT
AATCTGACATGTCAAAATTGGGAAGACTGTAACCTTTTTTTTTTTTTTTAAGATTTCTTTTTTTGTG
TCCCTCAATACTTAGCAGATGTTTCATTTGGTGGAAATCTTATTACTTACATGAATGAGTTTGAATTTA
GTGGCAAGGAAGAAAAAACTCAAAATATTGTTTTAAAGAAGAACTTGCAAGTACATAAGTA
TTTTTTAAAAATCAATCGAACAGAAAGGAATGCATGCTGTTTTTCAATGGCTTAGACATGCTTTTTAT
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_152420.3

Summary: The protein encoded by this gene is a methyltransferase that converts carnosine to anserine, a dipeptide found abundantly in skeletal muscle. The encoded protein can methylate other dipeptides as well. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Locus ID: 138199

MW: 77.8