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Product datasheet for SC204983

C2ORF25 (MMADHC) (NM_015702) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	C2ORF25 (MMADHC) (NM_015702) Human 3' UTR Clone
Symbol:	C2ORF25
Synonyms:	C2orf25; cblD; CL25022
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015702
Insert Size:	367 bp
Insert Sequence:	>SC204983 3'UTR clone of NM_015702 The sequence shown below is from the reference sequence of NM_015702. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CATATTATGAAGAAATTAAGTGGAAATTAGCAGAAATATCCATTCATTTGCTGTACTATTTGTATGTAA TATTTGGGTTGATCTATAAACACTGTCAGACTAAAGTTTTTAAAATATATTTATTTCTAAGTATTTATT TCAGCATTTATGAATTTACAACATTGGCAAGTGATTTGGGATTTTAAAATTGCAAATGTTCATTTATTC ATATCATTGAATACACGTTGAACACATCCACATTGTATAGGATGTGGTAATTAGCTTGTAACCAGGGTA TGATCTGCTATTGTTATTTCTCCTCTTTATTGGAAAAAGGCCTCAGTTTTAATTATTTTCTTCCCAAAA TAAATCACACATTTGGTTACAA 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.

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RefSeq:	NM_015702.3
Summary:	This gene encodes a mitochondrial protein that is involved in an early step of vitamin B12 metabolism. Vitamin B12 (cobalamin) is essential for normal development and survival in humans. Mutations in this gene cause methylmalonic aciduria and homocystinuria type cblD (MMADHC), a disorder of cobalamin metabolism that is characterized by decreased levels of the coenzymes adenosylcobalamin and methylcobalamin. Pseudogenes have been identified on chromosomes 11 and X.[provided by RefSeq, Nov 2008]
Locus ID:	27249
MW:	14.3