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Product datasheet for SC113242

CCDC76 (TRMT13) (NM_019083) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC76 (TRMT13) (NM_019083) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC76
Synonyms:	CCDC76
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_019083, the custom clone sequence may differ by one or more nucleotides

ATGGCGACCTCCGCGACGTCGCCGCACGCGCCTGGTTTTCCAGCTGAGGGTAGATGCGGTTACTATGTGG
AAAAGAAGAAACGGTTCTGCAGGATGGTGGTGGCCGCAGGGAAAAGATTTTGTGGTGAACACGCTGGAGC
CGCGGAGGAAGAAGATGCTCGGAAAAGAATCCTGTGTCCTTTAGATCCAAAACACACAGTATATGAAGAT
CAACTAGCAAAGCATTTGAAAAAATGTAACTCAAGAGAGAAACCAAAACCTGATTTCTATATTCAAGATA
TTAATGCAGGCTTAAGAGATGAAACAGAAATACCTGAACAATTAGTTCCAATTTCTTCTCTATCTGAAGA
GCAGTTGGAAAAGTTAATTAAGAAATTGAGAAAAGCAAGTGAAGGCTTGAATTCTACACTTAAAGATCAT
ATTATGTCCCATCCAGCATTACACGATGCACTTAATGACCCTAAAAATGGCGATTCTGCAACCAAGCACC
TGAAACAGCAGGCTTCTATTTTAGGTAACATTGAAAATTTAAAGTTACTTGGTCCAAGAAGATGCTTTGT
TGAGTTTGGAGCGGGAAAGGGAAAATTATCTCATTGGGTTGATATTGCCTTAAAAGATGCTGAAAAAGTT
CACTTCATCCTAGTGGAAAAGGTGACCACAAGATTCAAGGTGGATGGAAAACACAGAAAGAAAAATTCAG
TGTTTGAAAGACTTCAAATTGATATTCAACACTTGTGTTTGAACAAGATTCCTGTGCTAAGAGAAGAAAA
ACTACCTGTGGTAGGAATTGGAAAGCATCTGTGTGGTATGGCAACAGATCTTGCATTACGATGTTTGGTT
GAAACCTATGCTGCCAGTTTTGAGGAAAGGAATGAAGAACCTTTAGCCAAACGCATAAAGAATGATAAAA
CAGAAAAAGAAATTTACACTTTGGCCAAGGAAGGAAATGAAAAAAATGTCCCAGAGAAGTGGAACCCTGT
GGCTGGCATTGTTATTGCACTCTGTTGTCACCACAGGTGTGATTGGAGACATTATGTGGGCAAAGAATAT
TTCAGGGCTCTAGGCCTTGGAGCAGTGGAATTCCATTATTTCCAGCGAATGAGTAGTTGGGCAACTTGTG
GGATGCGGAAAACATCTTTGGAAACCTCAAATAGTACCACAAAGAGGCAAGATAATCAGAATGATGATAG
TGAAGAGCATGATGATGGAGGATACAGAATCACAGATGATGGCGCTGATTGTTTGCCTGGGCTTCTTAGT
GTTGAAGAAAAGAAGAAAATAGGGCATCTTTGTAAATTGCTGATTGACCAAGGTCGAATCCAGTATTTGC
AGCAGAAGGGATTCAGTCCTGCTTTGCAGTACTATACAGACCCTCTGGTGTCTTTGGAAAATGTTTTGTT
AACTGCTTTACCAAATCATTCTTCATCACCAGAAACAACTGCTTAA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019083 unedited
NCGTTANNATTTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGCTAGAAT
TATGGCGACCTCCGCGACGTCGCCGCACGCGCCTGGTTTTCCAGCTGAGGGTAGATGCGG
TTACTATGTGGAAAAGAAGAAACGGTTCTGCAGGATGGTGGTGGCCGCAGGGAAAAGATT
TTGTGGTGAACACGCTGGAGCCATGGAGGAAGAAGATGCTCGGAAAAGAATCCTGTGTCC
TTTAGATCCAAAACACACAGTATATGAAGATCAACTAGCAAAGCATTTGAAAAAATGTAA
CTCAAGAGAGAAACCAAAACCTGATTTCTATATTCAAGATATTAATGCAGGCTTAAGAGA
TGAAACAGAAATACCTGAACAATTAGTTCCAATTTCTTCTCTATCTGAAGAGCAGTTGGA
AAAGTTAATTAAGAAATTGAGAAAAGCAAGTGAAGCATTACACGATGCACTTAATGACCC
TAAAAATGGCGATTCTGCAACCAAGCACCTGAAACAGCAGGCTTCTATTTTAGGTAACAT
TGAAAATTTAAAGTTACTTGGTCCAAGAAGATGCTTTGTTGAGTTTGGAGCGGGAAAGGG
AAAATTATCTCATTGGGTTGATATTGCCTTAAAAGATGCTGAAAAAGTTCACTTCATCCT
AGTGGAAAAGGTGACCACAAGATTCAAGGTGGATGGAANACACAGAAAGAAAATTCAGTG
TTTGAAAGACTCCAAATTGATATTCAACACTTGTGTTTGAACAAGATTTCTGTGCTAAGA
GAAGAANAACTACCTGTGGTANGAATTGGAAAGCATCTGTGTGGTATGGCAACAGATCTT
GCATTACGATGTTTGGTTGAAACCTATGCTGCAGTTTTGAGGAAAGGAATGAGACCCTTT
ACCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019083 unedited
CCTTGGTNNACNNNNANAAATTTTNNNNNNNNNNNCTACTGTGNNACCCGGNCCGCNATT
TTANGATCGAGTTTTTTTTTTTTTTTTTTATTACTAGTTAATATTTATTGAATTACTCTG
TGCTTGGAACTGTTCTATGCATTTTACTTGTGTTATCTCATTTGATGCTCACAACAACCT
TGTGAGGTAGGTATTATTGTTATCATCATCATCCCCATTTTAAAAGGAGGAAATTGAGGC
ACAAAGAGATTAGGTAGCATGCCCAAGGTCGCACAACTGAAGATGGTAGGTTTGGAAATT
TGAACCGAGACAGTCTGGCAAGATTTTGGAAACTAAAGTCAGGGAATTTTAAATTGTTAA
GCTTTTTTTTTACCAATCATTTAATCTTAAACCTTCCGGGAAAAAAAGTTTATTTTCAAA
ATATTCTAATTTTTAAAAATTAGAATTTTGAAACCTTTTTTTTGGAAAATGGCCCCTTCT
TTTTAAAAAATTTTTTCCAAAAAAAGGCGGAAAAAAAAAAATGGGGGGAAAAACCCCCAA
AAAAAAATACCCCCCCCCCCCCCCAATATTTGGGGGAAAAATTTTTTTTTGGGCGGGCAA
AAAACACCCCCCTTTGTTTAATAAAAAAGGGGGCCCCCTTTTTTTTAAAAAGAAAAGCTT
TNNNNACCTCGTCCCAACAAAAAAAATTTTTTTTTTTTTTTCCCCACAAAAAAAC

Restriction Sites: NotI-NotI

ACCN: NM_019083

Insert Size: 2820 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

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RefSeq:	NM_019083.1, NP_061956.1
RefSeq Size:	3129 bp
RefSeq ORF:	1446 bp
Locus ID:	54482
UniProt ID:	Q9NUP7
Cytogenetics:	1p21.2
Domains:	DUF715
Gene Summary:	tRNA methylase which 2'-O-methylates cytidine(4) in tRNA(Pro) and tRNA(Gly)(GCC), and adenosine(4) in tRNA(His).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the supported protein.

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