

Product datasheet for **SC122870**

C1orf56 (NM_017860) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf56 (NM_017860) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf56
Synonyms:	MENT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_017860 edited
GGAGCGAAGGTAGGAGGCAGGGCTTGCCTCACTGGCCACCCTCCCAACCCCAAGAGCCCA
GCCCATGGTCCCCGCCGCCGGCGCGCTGCTGTGGGTCTGTGCTGAATCTGGGTCCCC
GGGCGCGGGGGCCCAAGGCCTGACCCAGACTCCGACCGAAATGCAGCGGGTCAGTTTAC
GCTTTGGGGGCCCATGACCCGCAGCTACCGGAGCACCGCCGGACTGGTCTTCCCCGGA
AGACAAGGATAATCCTAGAGGACGAGAATGATGCCATGGCCGACGCCACCCTGGTCCG
GACCAGCGGTGCCGAGCTCTTGGCCGCCACGGTGTCCACCGGCTTAGCCGGTCGTCCG
CCATTAACGAGGAGGATGGGTCTTCAGAAGAGGGGTTGTGATTAATGCCGAAAAGGATA
GCACCAGCAGAGAGCTTCCCAAGTGCAGTCCCAATACAGCGGGGAGTTCCAGCACGAGGT
TTATAGCCAATAGTCAGGAGCCTGAAATCAGGCTGACTTCAAGCCTGCCGCGCTCCCCG
GGAGGTCTACTGAGGACCTGCCAGGCTCGCAGGCCACCCTGAGCCAGTGGTCCACACCTG
GGTCTACCCCGAGCCGGTGGCCGTACCCTCACCCACAGCCATGCCATCTCTGAGGATC
TGCGGCTGGTGTGATGCCCTGGGGCCGTGGCACTGCCACTGCAAGTCGGGCACCATGA
GCCGGAGCCGGTCTGGGAAGCTGCACGGCCTTCCGGGCGCCTTCGAGTTGGGGCGTGA
GCCAGCTCCGCACGGAGACAAGCCTTGCACCTATCAACAATGTCCCTGCAACCGACTTC
GGGAAGAGTGCCCTCGACACAAGTCTGTACTGACACCAACTGTGCCCTCAGAGCA
CCACCAGTACCAGGACCACCACTACCCCTTCCCACCATCCACCTCAGAAGCAGTCCCA
GCCTGCCACCCGCCAGCCCTGCCAGCCCTGGCTTTTTGGAAACGGGTGAGGATTGGCC
TGGAGGATATTTGGAATAGCCTCTTTCAGTGTTCACAGAGATGCAACCAATAGACAGAA
ACCAGAGGTAATGGCCACTTCATCCACATGAGGAGATGTCAGTATCTCAACCTCTTTGC
CCTTTCAATCCTAGCACCCACTAGATATTTTTAGTACAGAAAAACAAAAGTGGAAAAAC
ATTGTTGGTCTTGTGTTCTTTACAGAGGTACCTGAGGGAGGAGAGACATAAATCCCTT
CATCCCTAAGACTGAATATGTAAGTGCAGCCTCTGGCTTGTCTTACTCCCTGTCCC
TCAGGATAAAAATGTTGATATTGCTCATTTTCTCATTTCCAACATTGTTTTAAAAACAAGT
ACTTCTTTTACAGGCTTGAAAAATCTCAAATAAACGCTAAGAAAAGGGAGTAGGAAGAAC
AAGGAGTTGAGCCCTTGAAGATGACAGTGGTCTTCTTGCCTTCATGCTTGGCCCTCTCT
CCTCAAAGGGCAATGTTGGTACAAAATCCATCTCAGCCACTTTCGAGGAGTTATCTTC
ATTAGCTATATCCATCCTTAATCCAACACACACCTGCAATGATTACTGTGCAACTATTT
TGCTTAATTTTTTATTTGAAAAATGTATTTAAAAGTCCAACAACCTTTTTAATAAATT
ACGACTCTCAAACCCATTCCCATCACTTTATTAGTATGGTAGCATACATATTAGAGAAG
GTAGCTAAAGGCAAGAGAGCACCAAGGAAAAAGACTGTCAAAGAACAGGTATTAGAAT
GAGGCCGAAGATCACGGTGACCAGAGATTTCTAGGAGTCTCTAACCTTTCCACCCTATCC
TGTTAACCTTTAGATCTCTAGTATAAAGTCAAGGCTACTGAGGTATTTAGAGCAACAA
GCTGGGTACTTTAGAGCAACCAGCTTACTGGAAGTGAAGTAAATTGGGAATGTATG
ACCAATCTTAGACCCTGAAAAATGGCAGAAAATACATGGAATTTGAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_017860 unedited ACGACACATTTGTATACGACTCATATAGGCGGCACGCGAATTCGCACGAGGGGNAGCGAA GGTAGGAGGCAGGGCTTGCCCTACTGGCCACCCTCCCAACCCCAAGAGCCCAGCCCCATG GTCCCCGCCGCCGGCGCTGTGTGGTCTGCTGCTGAATCTGGTCCCCGGGCGGCG GGGGCCCAAGGCTGACCAGACTCCGACCGAAATGCAGCGGGTCAGTTTACGCTTTGGG GGCCCCATGACCCGCAGTACCGGAGCACCGCCGGACTGGTCTTCCCCGGAAGACAAGG ATAATCCTAGAGGACGAGAATGATGCCATGGCCGACGCCGACCGCTGGCTGGACCAGCG GCTGCCGAGCTTGGCCGCCACGGTGTCCACCGCTTTAGCCGGTCGTCCGCCATTAAC GAGGAGGATGGTCTTCAAGAGGGGGTTGTGATTAATGCCGGATAGGATAGCACCAGC AGAGAGCTTCCCAGTGCAGCTCCCAATACAGCGGGGAGTCCAGCACGAGGTTTATAGCC AATAGTCAGGAGCCTGAAATCAGGCTGACTTCAAGCCTGCCGCGCTCCCCGGGAGGTCT ACTGAGGACCTGCCAGGCTCGCAGGCCACCCTGAGCCAGTGGTCCACACCTGGGTCTACC CCGAGCCGGTGGCCGTACCCTCACCCACAGCCATGCCATCTCCTGAGGATCTGCGGCTG GTGCTGATGCCCTGAGGCCCGTGGCACTGCCACTGCAAGTCGGGCACCATGAGCCGGAGC CGGTCTGGGGAGCTGCACGGCCTTTTCAGGCGCCTTCGAGTTGGGGCGCTGAGCCAGCTC CGCACGGAGCACAAAGCCTTGACCTATCAACAATGTCCCCTGCACCGACTTCGGGAAGAG TGCCCCCTGGACAC
Restriction Sites:	Please inquire
ACCN:	NM_017860
Insert Size:	2064 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:	<ol style="list-style-type: none"> 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.
RefSeq:	NM_017860.3 , NP_060330.2
RefSeq Size:	2055 bp
RefSeq ORF:	1026 bp
Locus ID:	54964
UniProt ID:	Q9BUN1
Cytogenetics:	1q21.3

Gene Summary:

This gene is a proto-oncogene whose promoter is methylated by DNA methyltransferase 3B (DNMT3B), which represses the proto-oncogene. However, a catalytically inactive isoform of DNMT3B is overexpressed in lymphomas, leading to hypomethylation of the proto-oncogene's promoter and derepression of the proto-oncogene. [provided by RefSeq, Sep 2016]