

Product datasheet for **SC123013**

CCDC8 (NM_032040) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC8 (NM_032040) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC8
Synonyms:	3M3; p90; PPP1R20
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_032040 edited
CCCAGATATCACCTGGAGATCTTAAAGACTCTCGAGAAAAGCCACGTGGGGGGCTGGTT
CCCCTGGGGCTTCTGCGTCCCCGACTGCCTCATTTTGGAGCGTCCCCGATGTCTG
CAAAGATGTGGATTTGGACGTCTCGTGAAGCCCTAAAGCCGTGGGGACATTTAAGAA
GATCGGCAAGGTGTTCCGCAAGGAGGAGGACTCCACGGTGGGGATGCTGCAGATCGGGGA
GGACGTCGACTATTTGCTCATCCCCGGGAGGTGAGGTGGCTGGGGGCGTCTGGAGAGT
CATCTCTAAGCCCGCCACCAAGGAAGCAGAATTTGGGAGCGGCTGACCCAGTTCTTGGA
AGAAGAGGGCCGCACCCTGGAGGACGTGGCCCGCATCATGGAGAAGAGCACCCCGACCC
GCCCCAGCCCCCAAAAAGCCCAAGGAGCCCGAGTGAGGAGGAGAGTGACGACAGATGGT
GACTCCTCCGCCCGGCTGGTCTGGGACGTACGACAGCAGCAACGCCAGCGACAGCGA
GTTTCAGCGACTTCGAGACCTCCAGAGACAAGAGCCGCCAGGGCCCGCGCGGGGCAAGAA
GGTGCGCAAAATGCCCGTCAGCTACCTGGGACAGCAAGTTCTGGGAAGCGACCTGGAGAG
TGAGGATGATGAGGAAGTGGTCGAGGCCTTCTCCGGCGACAGGAGAAGCAGCCAGCGC
GCCGCTGCCCGCCGCGCTCAACCTGCCAGTGCCCATGTTTGAGGACAACCTGGGGCC
TCAGCTGTCAAAGCGGACAGGTGGCGGGAGTATGTCAGCCAGGTGTCTGGGGGAAGCT
GAAGCGGAGGGTGAAGGGTTGGGCGCCGAGGGCGGGCCCGGGGTGGGCGAGGCCCGGT
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GCCCAAGATCAACTGGGCTCCTTTGCGCGCCGAGGAAGGAGCAGACAGCACCCACAGG
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CCAGGGGGCAGAGGCTGCAGATAATCAGAGGGAAGAGGCTGCAGATAATCAGAGGGCAGG
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TCAGAGGGCAGAGGCCCCAGCTGACCAGAGGTACAGGGCACAGATAACCCAGGGAAGA
GGCTGCAGATAATCAGAGGGCGGAGGCCCCAGCTGACCAGGGGTGAGAGTTACAGATAA
TCAAAGGGAAGAGGCCGTACATGACCAGAGGGAAGGGGCCCAGCTGTCCAGGGTGCAGA
TAATCAGAGGGCAGAGGCCCGGGCTGGCCAGAGGGCAGAGGCTGCACATAATCAGAGGGC
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TCCAGGAGCCAGGGCCCGAAACAGGTCAAGACAGTGAGGTTCCAGACCCCTGGACGCTT
TTCGTGGTTTTGCAAGCGCCGGAGAGCCTTCTGGCACACTCCCCGTTGCCAACCTGCC
CAAGAGAGTCCCCAGGGCAGGAGAGGCCAGGAACCTCAGGGTGTGAGGGCCGAGGCCAG
AGCAGAAGCTGAGCAGGGAGAGCAAGAAGACCAGCTGTGAGGTGAGGGCTAGAGACAGCC
CACGGGCCCTCCCTCCAAGTGTGGGAGGGAGAGATGCTCTGCCTCTGAACCTCAAAGTGG
AGGTGGAGTGCTGGCCACGTCTCCACCTAACAACCCCTCTTATTCTCTTGTAAAGTTTT
GTTTCATGCTTTGATTTTTTTTTTAAATTTTTTAGAGACAGGGTCTCACTCTGTTGCCCAGG
CTGGAGTGCAGTGGCATGATCATAACTCACTGCAGCCTCAAACCTCTGGCCTCAAGTGAT
CCTCCTGCCTCGGCCTCCCAAAATGCTGGGATTACAGATGTGAGCCACCACACACCAT
CTGATTAATAAAAAAAAAAATGATTCTTGTAGCAACCAAAAAAATGTAAAGAAAGAAAT
CGACACAATGGGGTTGCGTCACCTATAGTTTTTCATTTCTCAAATGCAACTCAAGGTGCT
CAGCTTGATAAAGGGAGAGAGGGAGGGCAGGGGAGAAACTGACTCCTTTTTCCATCTCTT
TTTTGCCTGCACACTTAATGTGGACTGCCTCCTTGGACTTAAAAAGAGTTGAGCCAACAT
GCAAAATCAAAAAACATTTATGAACTGATTTCTTAGCTTTGGACTTGACAACCTGACGAATG
CTCTGGGGGTGACCTGGCCCTTGTGTCCGTTCCACTCCCATCCTTGATGATGGAGACAC
CTGTGTTTATGTTGTCACTTCGCTTGCCATCCTCATGCCCCGGGCTCTGTGTTTGGAG
GGGACAGGGCCCTTGGTTTGACACCTCACCCGATCTTGTTATAAGGTACAGTAAAGC
GTCTGAAAAATGCATTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032040 unedited <pre> CTTGGGATTTGTAAACGACTTCTATAGGCGGCCGCGCATTGCGCACGAGGCCAGATATC ACCCTGGAGATCTTAAAGACTCTCGAGAAAAGCCACGTGGGGGGCTGGTCCCCTGGGGC TTCCTGCCGTCCCCGACTGCCTCATTCTTTGGAGCGTCCCGATGTCTGCAAAGATGTG GATTTGGACGTCCTCGTGAAGCCCTAAAGCCCGTGGGGACATTTAAGAAGATCGCAAG GTGTTCCGCAAGGAGGAGGACTCCACGGTGGGGATGCTGCAGATCGGGGAGGACGTCGAC TATTTGCTCATCCCCGGGAGGTCAGGCTGGCTGGGGGCGTCTGGAGAGTCATCTCTAAG CCCGCCCAAGGAAGCAGAATTTGCGGAGCGGCTGACCCAGTTCTGGAAGAAGAGGGC CGCACCTGGAGGACGTGGCCCGCATCATGGAGAAGAGCACCCCGCACCCGCCCCAGCCC CCCAAAAAGCCCAAGGAGCCCGAGTGAGGAGGAGAGTGACAGAGATGGTGACTCCTCCG CCCCGGCTGGTCGTGGGCACGTACGACAGCAGCAACGCCAGCGACAGCGAGTTCAGCGAC TTCGAGACCTCCAGAGACAAGAGCCGCCAGGGCCCGCGGGGGCAAGAAGGGTGCGCAA ATGCCCGTCAGTACCTGGGCAGCAAGTTCCTGGGAAGCGACCTGGAGAGTGAGGATGAT GAGGAAGTGGTCGAGGCCTTCTCCGGCAGAGGAGAAGCAGCCAGCGCGCCGCTGCC CGCCGCCGCGTCAACCTGCCAGTGCCCATGTTTGAGGACAACCTGGGGCCTCCGCTGTCC AAAGCGGAAAGGTGGCGGGAGTATGGCAACCCAGGTGTCCGGGGGATTCTTAAACCGGA GAGTGAATGTTTGGGCGCCCAAGGCGGCCCGGAGGTGGACGAAGC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_032040
Insert Size:	2716 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.
RefSeq:	<u>NM_032040.1</u> , <u>NP_114429.1</u>
RefSeq Size:	2775 bp
RefSeq ORF:	1617 bp
Locus ID:	83987
UniProt ID:	<u>Q9H0W5</u>
Cytogenetics:	19q13.32

Gene Summary:

This gene encodes a coiled-coil domain-containing protein. The encoded protein functions as a cofactor required for p53-mediated apoptosis following DNA damage, and may also play a role in growth through interactions with the cytoskeletal adaptor protein obscurin-like 1. Mutations in this gene are a cause of 3M syndrome-3 (3M3). [provided by RefSeq, Dec 2011]