

Product datasheet for **SC123205**

CCDC7 (NM_145023) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC7 (NM_145023) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC7
Synonyms:	BIOT2; BioT2-A; BioT2-B; BioT2-C; C10orf68
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_145023 edited
GGTCTTTGCTGCCGCCCCGGGGCGCAGAGGCCGGGCTTTTCTTTTCAGCACAAACGTCAG
TTTGTAAGGGAGGTGCTGGAGTCTGAGGAGTTTTTCAGGCTTCCGTCTCGAAGGAAGTC
TGGCAGGCTCGGAATTGTCATCTTCTCAGGCAAATAGTTTTTTCACCTTAGAGCCAGCAA
GGCCAAACCGCCAGTCACCCGACTTCCACAGTCTCAGCAGGTACACAGGGCGGGGAGC
CTCGGGAGCGGCTCCCTTAGCAGGACCTGAGGGTTTCGGGAGAGTCTTGCTTTGCACTT
AGTTTTCCCGCTGCCTGGCTGCCTCCGTGGCGGTTGTGCTGCTTTTTATGCAGGATGTAG
GATCGAAGGCAAATCATCCTTTCCCTACGTCCCCTGCCAACCCCTGCCGCTCTCCTCTAT
TTTGTAACACTTTATCATTAAAGGATTTGAAATGAATGGAGGAATAAGTTTTTTTCATCTG
TAATTTGGAAGCCAAGTCAGTAACAAAATGAAACCAGTAAAGCATCTGTTGACCACCAGT
AACAAATCGGCAAATGTTCCAGCATTAATACTAAAAAAGGACTACATAATTTACCATTA
TCACCTGAGCTAAAGGAAAAACATAATGCAAAATTAATTCATGATAAAATGAACCAATG
GTCCTAAGATCTCCACCAACAGGAGAATCCATTTTACGGTATGCTTTGCCATTCCATCG
AGTAAGACAAAGAAGTACTACCAGAAGATGAAATGATCGGAAAAATTATCAAACATCTG
AAGATGGTTGTTCCACTTTGGAAGAACTATGGACATTGCGATCAGAATGGAGAAGAA
CCATTTGTAAAGCATGAACATGAAGAATTATCTTTATCTGTTGGGGATGATATGAATTCA
TTCTTGACATATTGTTCCGAATTTGCAGCTCAGCTAGAAGAAGCACTTAAAGAAGAACAA
AATATTTTGAATCTCTTTTTAAGTGGTTTCAGTGGCAGGTCAATCAGATGGAAGAAATA
AGTAAAGATCAAACCTTTTTACAAGCAGAGCCTCCAAAACCTGACAAAACAGTCATTTTA
AATATTGCAGAAATAGTAAGGCTTGTACAAGATTTGAAGAACTGAAGAATCGCCTTAAA
CAGAGGTCTAAATCCTCCGTGAAAGTCATGTTGTCTAAAATATGGATAAAGAAAATCGA
CCAGAAGCAGTGAAGTTGTGAAGCTCTGGCACAGAAAATTGAAGAATCTTAGAAGCC
CACTCAACTGATGAATTTAAAGATGTTTCTGCAACAGAACCACAACTGCTCATTCAATG
ACTAATCGATTTAATGCCATGTTGAAAGTATTTGAAAACCAAGGCAAATATGTTGGAGAGA
GCTGTAATGATCAAGTTTTGTTAGATGCTGAATACAAACAGATGCAGTGTGATTTTCAG
TTGTTATCAGAAGAGAAGTTGGTCTGGAAAATGAACTACAAAAGTTGAAGGACAAAAGAG
AAAACCTAAGCCTACAAATAATCGAACAAAGAAAGCTGTGAAAACAGTGAAGAAAAAGAC
AAAGGAAAATCTGAGGATTCAGAAAAGAAGATGTCTCCAGAAAAGAGTTTAAAAATAAA
GAAGATTTGGATCAAGTACAGAAAGTAGCACGTCTGGAAATTGAGAACAAAGTCTTCAG
GAGCAATTGAAACAGGCTTTACAGGAAGCTGAAAAAGCTAAGCATCAACTTAACTATTTCT
CTAAATCAAGAGAAGTACTTAAAAGTGAAGGGGAAAACCTGAGACAACAATGCAAGTGGGT
AATAGTCAAAACAAAAGTTAAAGGTGAAGATTCAAAAAATATACCATTGGAGAAAAGAAACA
AGAAAATCACTGGTTTCAGATTCAGGTGGACAAAGGACAAGTGTAAAATCCAAGAATAT
CCACAGATCACTGCCAAAGCGGAAGACTGATTGAAAAGAGATGCTAATAGAGTTTCTGA
AATACCTTGAAAAGTCTCCAAACCTTCAGAGAGTGGATGGGAGCGAAGTAAGGAGACC
CCACCTGAGCAGATACATGGTATTGCTTACAATAAAGTACATTTTTGCTCTTTACAAAAA
AAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145023 unedited NAAGTTTCNGATTTGTATACGACTCATATAGGCGGCCGCATAAATTCGTATAGCATACATT ATACGAAGTTATGGATCAAGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGGTCTT TGCTGCCGCCCGGGGCGCAGAGGCCGGCCTTTTCTTTCAGCACAAACGTCAGTTTGTA AAAGGGAGGTGCTGGAGTCTGAGGAGTTTTCAAGCTTCCGTCTCGAAGGAAGTCTGGCAG GCTCGGAATTGCATCTTCCCTCAGGCAAATAGTTTTTACCTTAGAGCCAGCAAGGCCAA ACCGCCCAGTCACCCGACTTCCCACAGTCTCAGCAGGTACACAGGGCGGGGAGCCTCGGG AGCGGCTCCCTTAGCAAGACCTGAGGGTTTCGGGAGAGTCTGGCTTTCACCTTAGTTTT CCCGCTGCCTGGCTGCCTCCGTGGCGGTTGTGCTGCTTTTTATGCAGGATGTAAGATCGA AGGCAAATCATCCTTTCCCTACGTCCCCTGCCAACCCCTGCCGCTCTCCTCTATTTTGTA CACTTTATCATTAAAGGATTTGAAATGAATGGAGGGATAAGTTTTTTCATCTGGTACTT GGAAGCCAAGTCAGTAACAAAAAGAAACCAGTAAAGCATCTGGTGACCCCCAGTAGACAA ATCGGCAAATGTTCCAGCATTAACTACTAAAAAAGACTACATCACTGACCATTATCACCG GAGCTAAAGGAAAAACTAATGCCGAATTAATTCATGCTAAAATCGAACCATTTGGTCCCTA ATATCTCCCCAAAAGGAGAAACCATGTTACCGGAGTGTTCGCCATTTTCATTGAGTA AGACTAATAACTTACTACCCGAAAAGAAATGATTCGGGAAAACCTCCAACCATCGGAG AGAAG
Restriction Sites:	Please inquire
ACCN:	NM_145023
Insert Size:	2115 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_145023.4 , NP_659460.3
RefSeq Size:	2173 bp
RefSeq ORF:	1461 bp
Locus ID:	79741
UniProt ID:	Q96M83
Cytogenetics:	10p11.22

Gene Summary:

May play a role in tumorigenesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes isoform a.

Variants 1 and 2 encode the same protein (isoform a).