

Product datasheet for **SC324104**

CCDC78 (NM_001031737) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC78 (NM_001031737) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC78
Synonyms:	C16orf25; CNM4; hsCCDC78; JFP10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001031737.1
 CGCACTTAGCAGTGCCAGTGGCAGCAGCAGCCATGGGGAAGCCGGGCGTGGAGGCAGCAC
 CGGGCTCGGAGCTGGCCAGGGTTCCTAGCCTATGGAGCACGCAGCCACCACAGGCCCA
 GGCCTGGACCTCCCTCTCGGCGGGTGGAGAATGTTGTGCTACGAGCCAAGGACTGGCTGC
 CAGGAGTCTCTGGGGCACCAGTGTGGGCCACCAGCTTGAAGCAGAGGTCCCACCAG
 ATCTAGCGCTCAATAAGGAGCAGCAGCTGCAGATCTCCAAGGAGCTGGTGCACATTGAGA
 TCACAACCCACCACCTACATGAGCAGCATGAGGCTGAAATCTTCCAGCTGAAGAGTGAGA
 TCCTTCGGCTGGAGAGCCGGTACTGGAGCTGGAGCTGCCAGGAGATGGCACCAGCCAGG
 GCTGTGCAGTCCCAGTGGAGTCTGACCCAGGCATCCCCGGGCAGCAGCCCAAGAGCTCA
 GACAAAAGCCCAGGTGCCTGGACACTCTGATGACCACAGATTCCAGGTGCAGCCCAAGA
 ACACCTGAACCCCGAGAATGAGCAGCACAGGCTGGGAGCGGCCTGCAGGGGGAAGTGA
 AGTGGGCGCTGGAGCATCAGGAGGCCCGGCAGCAGGCACTGGTGACGCGTGTGGCAACCC
 TGGGCCCGCAGCTGCAGGGAGCCCGAGAGGAGGCCAGGGCAGCCGGGCAGCGACTGGCCA
 CACAGGCTGTGGTGTGTCAGTGCAGTGCACAGGCCAGCTCCGTGAGGCAGAGGCTGAAAATG
 CCCGGCTGCAGTGCAGTCAAGAACTGAAGGATGAGTACGTCCTACGGCTGCAACACT
 GCGCCCGCAGGAGTGGAGCACGCAGATGGTGCAGGCCAAGCGCCAGCCACCACGGCCC
 TCCGGACATTCCTGGAGGCGACTCTGGAGGACATCCGGGCAGCGCACCCGAGCCGTGAGC
 AGCAGTGGCCCGGGCTGCCCGCAGTACCACAAGAGGCTGGTGGATCTGAGCCGCAAGC
 ATGAAGAGCTACTGGTTGCCTACAGGGCACCTGGGAACCCCAAGCTATTTTTGACATAG
 CCAGCTTGGACCTGGAACATTGCCCGTGCCTTGGTCACTGACTTCAGCCATCGGGAGG
 ACCAGCACGGCGGGCCTGGGGCACTGCTCTCATCCCCAAAAGAGACCCGGTGGAGCCT
 CCCAGGGGGGAACATCAGAGCCACAGGGCCTGGACGCTGCATCCTGGGCCAGATCCACC
 AGAAGCTCCGGGACTTCTCCCGCAGCACCCAGAGCTGGAACGGGAGCGGGCACAGTGTCT
 GGTCCGGCCACGATGGCTGAAGAGCAACTTTCTGAGCTACAGGAGTACGTGGACCAGCA
 CCTGGGCAGGTACAAGCACGAAATCCTGAGGCTGAGGAAGCTGGCAGGTGCAGGGGACCC
 CTGAAAAGTGGGGCTGTGCCTCCAGCCAAGCCCCAGCATCCAAGGACCGGCAGCCACTA
 GGCCGTCTCCCAAGGAGCAGAGCAGAGCAGAGCTCCTCAGCCAGCACAGAACCTCCAC
 CCAGCCCCCATAAAACATGAGTCAGGATAGAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA
 AAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_001031737

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_001031737.1](#), [NP_001026907.1](#)

RefSeq Size: 1693 bp

RefSeq ORF: 1317 bp

Locus ID: 124093

UniProt ID: [A2IDD5](#)

Cytogenetics: 16p13.3

Gene Summary: The product of this gene contains two coiled-coil domains. The function of this gene is currently unknown. [provided by RefSeq, Sep 2012]