

Product datasheet for **RC224721**

C10orf68 (CCDC7) (NM_024688) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C10orf68 (CCDC7) (NM_024688) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C10orf68
Synonyms:	BioT2-A; BioT2-B; BioT2-C; C10orf68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC224721 representing NM_024688
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTGAAGAACAACTTACCAAGCAGCAGAAAAATCTCAAGCTCATAATGAAGTACCAATGAAAGGC
 TTGTAGTTGAGCATCAAGAATCATTGTCAAAAACCAAATTACAAGTAAAGAAACAAGAACTTCTACAGA
 GCAACCACTCACCCTCCTGATAAAGAACCAAATGAAAATCTTATACTTAGGCATCAAGACTCAATGTCA
 AAATCAGAAATGCAAGTGAAGGAACAAAGAACTCTCAAAGGGCAAAGAATTATTACTCATGATGAAGAAC
 CAGGCAAAAATCTTGTGCCTGAACATCAAGATTCAGTGTCAAAGTGGAAATGCAAATGAAAAACCAA
 AAAACTTCTAGAGAGAAAAGACATAGTACTCATGATGAAGAATCAGGTGAAAATCCTATGCTTAAACAT
 CAAGATTCAGTGTCAAAAATCCAAGTCAATTAGAGATTCAGAAACTTCTGAAGGAGAAGGACGTAGCA
 TACCAGATAAAAAATCTATGTTTGTTCATCAAGATTCAGTGTCAAAGTCCAATGCAAGAAAAGAAAA
 AATAACTCCTGGAAGGGAAAGGCGTAATACTCGTATTGTAGTACCAAATGAAAGTGTGATTTCTGTTT
 CAAGATTCAAAGTCAAAGTCCAATGCAAGAAAAGAAACAAATAAATTCGGAGTGGAAAGACACAAGA
 CGTTTCCTTTAGAAATCAAAAAAAGGATATATCACTTGAACATCTGTTGCCTGAGGAGAAAAGTTTATT
 ATCAAGAAGCGAATCTCAAACCAAGAACTTCAAGCTAAAGTAACTTCAAGAAAAAGACTGATATAGAA
 AGCTTGAGAGGTGCTTTGGGAAGACGCTTATTAATGATGAATTCAGACACAGTCAAAGAGTTTCCCTG
 GGCCTGATATAGAACAATTGACAGATGCATTTGGAAGAGATATACTAAAGGATGAATTCAGACACGATC
 AAAGAGTCTCCCTGAGACTGATGAACGATTGCATAGTACAAGTGAAGAGGTACAATAAATGATGCAATT
 AAGACGCAGTTAAAGAGAAAGAGTTACCCTGAGACTGTCTTAAACACTTGAAAGGTGTTAATGGAAAAG
 ATATAATAAAGCATCTAATCAACATACAGTCAAAGAGTCAAGAGACTGATGAGAGACTGATAAGAATCTTT
 TGCTACTGGAAGAGGTCTAATGAAGGAGTCAACCACGACACAATTAAGTCAACCCAGAGACTGATAAG
 GAATTCCTTGGCAGATGCTATTGGAAGAGGTATAATAATAGGGCCAATCACTACACAAGTGAAGTCAAC
 GAGAGACTGATAAAGAACTCTTAAAGATGCTATTGGAAGAGATATAATAAAGGGACCAATCAGTGCACA
 ATTAAGAGTCAACAGGAGACTGATGTAGAACCCTTGACAATGCCATTGGTTCAAGTAAACAATTGGT
 GAGATAAAGACACAAGTAAAGACTCACTATGATGTGAATTTTAAAAACAAAGATATGTCGTACAAC
 GTCAAGAAGGTATCTTTACTAGGAGCATTACACCAAGTAAATCCCAACAAAAGTATCAATTTATCACC
 CTTTGAATAAAGAGGAACTTATGAGTACTTCCACCTATGTGACTGCACCTTCAAAGCAATTTAT
 AGAACATATAGGGCTGGTCCAAGCTTTTCTAAAGACATCCACCTCCTTTACTGAATCAACTCCCTTCAG
 GGCATTCGAAAGTTGTTACCTTAAGCCAAAAAATATTGAATTTACTCTGCCTACTGTGACCAATACAAT
 TGGAAAACCTACCTATAAAGTGTACATGCTGCTGCCGAAAATCTGTACCACACCCATACTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224721 representing NM_024688
 Red=Cloning site Green=Tags(s)

MTEEQTYQAAEKSQAHNEVPNERLVVEHQESLSKTKLQVKKQETSTEQPLTPDKPENLILRHQDSMS
 KSEMQVKEQRTLKGRIITHDEEPGNLVPEHQDSVSKLEMQIEKTKKLPREKRHSTHDEESGENPMLKH
 QDSVSKIQVQLEIQETSEGEGRSIPDKNSMFVHQDSVSKLQMQEKKKIPGRERRNTRIVVPNESVISVH
 QDSKSKLQMQEKKQINSVERHKTFFLEIKKKDISLEHLLPEEKVLLSRSESQTKKLQAKVTSRKKTDIE
 SLRGALGRRLLNDEFKTSKSFPGPDIEQLTDAFGRDILKDEFKTRSKSLPETDERLHSTTERGTINDAI
 KTQLKRKSYPETVLKHLKGVNGKDIKHLINIQSKSHAETDKNFFAYATGRGLMKESTTTQLKSHPETDK
 EFLADAIGRGIIIGPITTLKSHRETDKELLKDAIGRDIKGPISAKLQSHQETDVEPLTNAIGSSKTIG
 EIKTQLRTHYDVNLFKNKDMSVQRQEGIFTRISITPSKFPKVINLSPFENKEETYEYSSPYVTAPSKAIY
 RTYRAGPSFSKDIHLLPLLNQLPSGHSKVVTLQKTIIEFTLPTVNTIGKPTYKVLHAAARKSVPHPYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8045_c10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024688

ORF Size: 1884 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

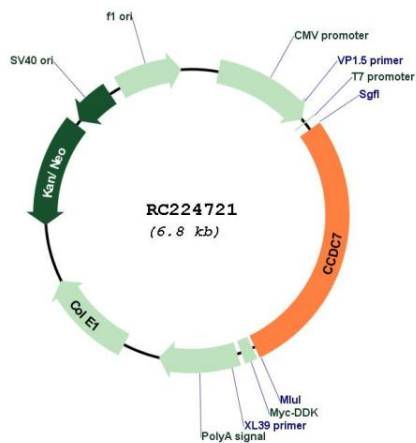
RefSeq: [NM_024688.1](#), [NP_078964.1](#)

RefSeq Size: 2717 bp

RefSeq ORF: 1887 bp

Locus ID: 79741
 Cytogenetics: 10p11.22
 MW: 71.4 kDa
 Gene Summary: May play a role in tumorigenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC224721