

Product datasheet for **RC225758**

CCDC77 (NM_001130148) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC77 (NM_001130148) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC77
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC225758 representing NM_001130148
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACTTTACCCCAACACACACCCTGTCTGCAGAAAGCGAACAGTTGTCTCCAAACGTGGTGTGCCG
 TCAGTGGTCCCACCAAGAGGAGGGGAATGCGAGATTCACTGGAGTCAACCCCTTGCCTTCCCCGAAGA
 TCGTCTGGCCAAACTCCATCCTTCTAAGGAGCTCTGGAATATTATCAAAAGAAGATGGCTGAGTGTGAG
 GCAGAAAATGAGGACTTGCTGAAGAACTGGAAGTCTACAAAGAAGCTTGTGAAGGACAGCATAACTTG
 AATGTGATTTGCAGCAGAGGGAGGAAGAGATTGCTGAATTGCAGAAAGCTCTAAGTGATATGCAGGTCTG
 CCTCTCCAGGAACGGGAACATGTTTTACGCCTCTACTCAGAAAATGACCGACTGAGAATCAGGGAGCTA
 GAAGACAAGAAAAAGATTGAGATCTCTTGGCTCTTGTGGGAACAGATGCTGGAGAAGTGACCTATTTTT
 GTAAGGAGCCTCCTCAGAAAGTCAACATTCTCCAAAGACTATCCAGGCTGTAGGTGAATGTGAGCAGAG
 TGAATCTTCAGCTTTCAAAGCAGATCCTAAAATAAGCAAAAGAAGACCATCGAGAGAGAGAAAAGAAAGT
 TCTGAGCATTACAAAGAGACATACAGACACTCATCTACAGGTGGAAGCACTGCAGGCTCAGCTGGGAG
 AGCAGACCAAACTTTCTCGAACAATAATGAAGGGCTCATCGAGGACAGACGGATTACCTTGAGGAAAT
 ACAAGTTCAGCACCAGAGAAATCAGAACAAATCAAAGAGCTAACCAAAATCTTACCACACCCAGAA
 CTGCTCTATGAGAGCACCAGATTTTCTGCAACTCAGATCTGAAACCAAAATAAGAGAAAGTCATGGA
 TGCTTGAAAAAGATAATTTGATGTCAAAGATTAAAGCAATATAGGGTGCAGTGAAGAAGAAAGATAA
 AATTGGAAGAGTGTGCCGTTATGCATGAGAGTCAACATGCTCAAAGTGAATATATTAAGTCCCTAAAA
 GATAAGTTAGTACAAGAGAAAAAGCTGTCAATATGTACCAAGAGCAGTGCATTTCTTAGAAGAAGAAC
 TTGCCCGAATTCGTGAGGAAGAGGGAATGAGGAGAGAGATCTTCAAGGATCGCACTAACAGATGGGGAA
 GCGTTTACAGATAATGACAAAACGCTATGAGGCATTGGAGCGTCGACGTATCCTGGAAGTAGAAGGCTTT
 AAGACAGATATTAAGTTCTCCGACAGAACTGAAAGACTTGGAGCAAATGTTGTATAAGGCAACAGTTA
 ATGCCCGGGCAAACCAGGATCTTGCCCTCTGTGTGAGGTCCGTGACAGCAATAGACGGGCACATAAGAT
 ACAAGGAGAAGTGAAGAATCTTAAGTCGAAAGTGTGGTCTGGAGAATGAAGTTAGACTCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225758 representing NM_001130148
 Red=Cloning site Green=Tags(s)

MNFTPTHTPVCRKRTVSKRGVAVSGPTKRRGMADSLSTPLSPEDRLAKLHPSKELLEYYQKKMAECE
 AENEDLLKKLELYKEACEGQHKLECDLQREEEIAELQKALSDMQVCLFQEREHVRLYSENDRLRIREL
 EDKKKIQNLLALVGTDAGEVTYFCKEPHKVTILQKTIQAVGECEQSESAFKADPKISKRRPSRERKES
 SEHYQRDIQTLILQVEALQAQLGEQTKLSREQIEGLIEDRRIHLEEIQVQHQRNQNKIKELTKNLHHTQE
 LLYESTKDFLLQSENQNKESWMLEKDNLSKIKQYRVQCKKKEDKIGKVLPMHESHHAQSEYIKSLK
 DKLVQEKLSNMYQEQCISLEEELARIEEEGMRRREIFKDRTNKMGRQLQIMTKRYEALERRRILEVEGF
 KTDIKVLRQKLKDLQMLYKATVNARANQDLALLCEVRDSNRRRAHKIQGELKNLSKVFGLLENELRLC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001130148

ORF Size: 1464 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001130148.1](#), [NP_001123620.1](#)

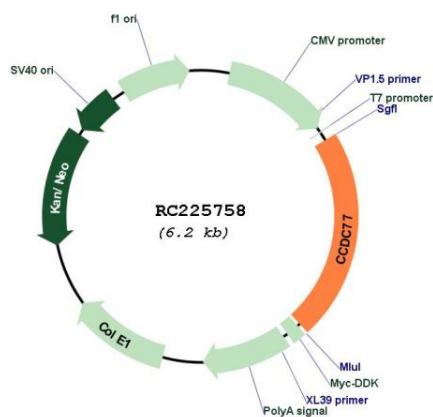
RefSeq Size: 2305 bp

RefSeq ORF: 1371 bp

Locus ID: 84318

UniProt ID: Q9BR77
 Cytogenetics: 12p13.33
 MW: 57.5 kDa

Product images:



Circular map for RC225758