

Product datasheet for **RC209212**

CCDC62 (NM_201435) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC62 (NM_201435) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC62
Synonyms:	CT109; ERAP75; TSP-NY
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC209212 representing NM_201435
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACCTCCGGCAGCCTTCTTCCGGGCGCCAGAACATCGGGTCAGAAGTTGAGATTTCCACTATCG
 AGAAACAACGGAAGGAGCTGCAGTTGCTCATTGGAGAATTAAGATCGAGATAAAGAGCTCAATGACAT
 GGTTCAGTGCACCAGCAACAGCTTCTTTCATGGGAAGAGGATCGGCAGAAAGTGTGACACTGGAAGAA
 CGTTGCAGCAAATTAGAAGTGAACACATAAAAGAACTGAAATAATCAGGTCACGAAAGGTA
 AAGCTCTTGAATCCAATCAAATGGAATGCCAACAGCTCTCCAAAAGACCCAACTACAGCTTCAGGAAAT
 GGCTCAAAGGCAACGCATTCTTCTCTCTCTGAAGACCTTGAGGCTAGAAACGAACTCTCAGCAAC
 ACGTTAGTGAATTTCTGCCAGGTAGGACAGCTACAAGCTCGAGAACAAGCTTACGACAATGATAA
 AGCTAAAGGACAAAGATATTATTGAGGCAGTTAATCACATTGCAGATTGTTCCGGTAAATTTAAATGCT
 AGAGCATGCCCTACGTGATGCCAAGATGGCGGAGACTTGTATTGTAAAGAAAAGCAAGATTATAAGCAG
 AAATTGAAGGCACCTTAAGATTGAAGTCAACAACTAAAAGAGGACCTCAATGAAAAGACGACAGAAAATA
 ATGAGCAACGAGAAGAGATCATTGCGCTCAAGCAAGAGAAAAGTTGCCTGCACGATGAATTGCTTTTTAC
 TGTAGAGAGAGAAAAGAGGAAAGATGAATTGCTTAATATTGCGAAGTCAAAGCAAGAACGCACAAATTC
 GAACTGCACAATCTGAGACAGATTTATGTAACAACAGAGTGTCTGCAGTTTCTTAATTTCAATGTGG
 AAAATTCAGGAATTAACAGATGTATGACTCAAAGATGGAGGAATCAAAGGCTCTGGACTCCAGCAG
 AGACATGTGTTTATCAGACCTTGAAAATAACCACCCAAAAGTCGATTTAAGAGGGAAAAAATCAGAAG
 TCACTGTTTAAGGACCAGAAATTTGAAGCCATGTTGGTTCAGCAAATAGGTGAGACAAGAGCTCTTGCC
 ATGAATGCAAAGAGAAGAAACAACAGATCGATACTGTGTTGGGAGAAAAGTGAATTAAGCTGTCATC
 CATATTCACCAAAGACTTAGTAGAGAAACACAACCTCCCTTGGTCTCTGGGAGGAAAAACCCAGATTGAA
 CCCGAAAACAAAATTACATTGTGCAAGATCCACACAAAATCACCAAAATGTCATGGCACTGGGGTTCAGA
 ACGAAGGAAAACAACCCTCAGAAACACCCACTTTATCTGATGAGAAGCAGTGGCATGATGTCAGTGTTTA
 CCTGGGCCTGACCAACTGTCCAAGTTCAAACATCCAGAAAAGCTGGATGTAGAATGTCAAGATCAGATG
 GAAAGGTCGAAATCTCATGCTGCCAGAAAATGAAGCCTGTCTGGGCGAAAAGTGGCATGTGTGACTCCA
 AGTGTGCCACCCGAGTAACTTCATAATTGAAGCCCCAGGCCACATGTCTGACGTGGAGTGGATGAGTAT
 TTTCAAGCCTTCCAAAATGCAGAGAATTGTCGCCTCAAATCTGGGTGCACCTGTTGAGAAAGCATCTGT
 GGCACACAACATGACTCCCCGCAAGTGAAGCTAATTGCCATCCAAGATTCACCTCTTTGGTTCTTCAA
 AATCTGCCTTGAGAGAAGATGAGACGGAGTCTCTTCCAATAAAAAGAACTCACCTACGAGTTTGTAAAT
 CTACAAAGATGCACCAGATTCAATGAAAAGGCTTCAATTGTGTTACCCTCCCAGGATGATTTCTCGCCC
 ACGAGCAAGCTCCAGCGTTTGTGGCGGAATCTCGTCAGATGGTGACGGACCTGGAGCTGAGCAGACTGC
 TGCCCATCAGCCATGAGAATCTCACTGGCAGTGCCACAAATAAGTCAGAGGTCCCAGAAGAGTCAGCTCA
 AAAAAATACCTTTGTCAGTTAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence: >RC209212 representing NM_201435
Red=Cloning site Green=Tags(s)

MNPPAAFLAGRQNI GSEVEISTIEKQRKELQLLIGELKDRDKELNDMVAVHQQLLSWEEDRQKVL TLEE
RCSKLEGELEHKRTEIIRSLTKKVKALESNQMECQTALQKTQLQLEMAQKATHSSLLSEDLEARNETLSN
TLVELSAQVGLQAREQALTTMIKLDKDIIEAVNHIADCSGKFKMLEHALRDAKMAETCIVKEKQDYKQ
KLKALKIEVNKLKEDLNEKTTENNEQREEIIRLKQEKSLHDELLFTVEREKRKDELLENIASKQERTNS
ELHNLRQIYVKQSDLQFLNFVENSQELIQMYDSKMEESKALDSSRDMCLSDLENNHPKVVDIKREKNQK
SLFKDQKFEAMLVQQRSDKSSCDECKEKKQIDTVFGEKSVIKLSSIFTKDLVEKHNLPSLGGKTQIE
PENKITLCKIHTKSPKCHGTGVQNEGKQPSETPTL SDEKQWHDVSVYLGLTNCPSSKHPEKLDVECDQM
ERSEISCCQKNEACLGESGMCDKCCCHPSNFII EAPGHMSDVWMSIFKPSKMRIVRLKSGCTCSESI C
GTQHDSPASELIAIQDSHSLGSSKSALREDETESSNKNKNSPTSLLIYKDAPAFNEKASIVLPSQDDFSP
TSKLQRLLAESRQMVTDLELSTLLPISHENLTGSATNKSEVPEESAQKNTFVSY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_201435

ORF Size: 2052 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_201435.1](#)

RefSeq Size: 3044 bp

RefSeq ORF: 2055 bp

Locus ID: 84660

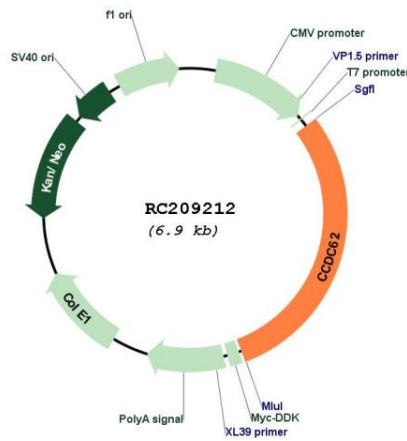
UniProt ID: [Q6P9F0](#)

Cytogenetics: 12q24.31

MW: 77.6 kDa

Gene Summary: Nuclear receptor coactivator that can enhance preferentially estrogen receptors ESR1 and ESR2 transactivation. Modulates also progesterone/PGR, glucocorticoid/NR3C1 and androgen/AR receptors transactivation, although at lower level; little effect on vitamin D receptor/VDR.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC209212