

Product datasheet for **RG234612**

CCDC120 (NM_001271836) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	CCDC120
Synonyms:	JM11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG234612 representing NM_001271836
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGTCAAAGGTCAGCTGATCAGCTCTCCTACCTTCAATGCCCGAGCTGCCCTGTTGCGAGAGGCTC
CCCCCAGGTGAAGTCAGAGCGTCTGCGGGGGCTGCTTGACCGGCAGCGGACCTGCAGGAGGCCCTGAG
CCTGAAACTTCAGGAGCTCCGCAAAGTGTGTCTCCAGGAGGCGGAGCTGACTGGCCAGCTGCCCCCTGAG
TGCCCACTAGAGCCTGGTGAACGGCCCCAGTTGGTCCGCCGGCGGCCCCCCACAGCCCGCGCCTACCCCTC
CACCGCACCCCAACCAAGCACACCACTCCTTGTGCCCTGCTGAGGAGCTGGCTCTTGAGGCCCTGGAACG
CGAGGTGTCAAGTGAACACAGCATGCGCGCGCGCCGCGCCGCTGGCCCTTGCCCTCTGATCTGAGCACC
GAGCAGCGCCGCGCGCGCGGCTGAGTCCAGGCAGATGCACTAGGAGAGCTGCACTGAGTAGAGAGCAGC
TCAGGGATGTCCGGGCGCGCTTGCCCTCCAGTGCTCCCGCTGCCCCAGCAGCTGCCACTGTCCACGGG
GTCACTGATCACCACCCAGGGAGTCTGCCTGGGCATGCGTCTTGCTCAGCTCAGCCAAGAGGACGTAGTT
CTGCACTCAGAGAGCAGCTCCCTCTCAGAGTCTGGGGCCAGCCATGACAACAGGAGGCCCATGGTGCT
TCTCTCTGGCCGAGCGCCCTCACCACCAAGGCTTGGGACCAGCTGCGGGCAGTATCTGGGGGAGCCC
TGAGCGGGCAACCCATGAAACCACCTCCATCAGATCTTATGGGGATCTGAAGAGCCGCGGGAACCTCT
GTGGCCAGCCCCACAGCCCCACAGCTCGCTGCCCAGGAGTGCTCCAGTTTGTAGGGGCGAAGTGTGC
CTGCCACCCCTGTCTCACC CGGGGCGCTGGCCCCAGCTCTGCAAACCTGAAGGCCTTCATTCTCGTCA
GTGGTCCGGCAGCAGGACTCCAGATGGGCTTCCCCGGGCGGACGCTGCCCTCCGATCGCCCTCCCTC
TTCGTAGCTCGACCGCCGACAGCAACTCTGAGGCCCTGCTGTGTGACCGGGCGCTGGTGGGGAG
CTGGCTCCCCGCTGCCCTCTGGCTCCTCTGCTCTGGCCCCCAGTCTGCAAGAGCAGTGAAGTGCT
GTATGAGCGCCCCAACCAACCCTGCCTTCTCCTCCGACACAGCAGGCCCCCCAGACCTCCCCGGGCC
GCCCGGCTAGCTCAGTGCCCTGCCTCCGAGGTGCCCCCGGCTCCACCTGTGTGTGGAGACTCC
TCTTGGACTATTCTTGGACCGGGGCTGCCCGCAGTGCCGTTGGAACAGGCTGGGGGAGCTGCCGCC
TGCAGCTAGGTCCAAGACCCCTCTCCGCGGGGATGGGCTCTCACCATGCTCCCGGCCACCACCT
GTGTATGAGCTGACAGCAACAGCCCCCTCCTCCGACCAAGGACCCCCACACCCGTGCCACCCGACTA
AGCCTGTGGCTGCCCCAGAGGCTGCCGAAGGCCCTGAGGTGCATCCAAACCTCTGCTGTGGATGCC
CCCCACCCACCGTATCCCTCGGCTGAGTGGAACGAGTGCCACAGAAGACCTGGCTCTGGAGGGGCTGGCG
GACTGTACATCCGAAGACTCGGAGTGGCTGCGGGGCCAGCGCCGCTGTGCTCCTTCCGTGGGCC
CGCCACACCCACCTTCTCCTATGCCGCTGCTATGAGGTGGGCCAGGCGCTGTACGGGGCCCCAGCCA
GGCGCACTCCCACTCGAGGAGTTTACGGCGCCCTGTCTCTGGCAGGTATGGGGGGTCTTTTAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG234612 representing NM_001271836
Red=Cloning site Green=Tags(s)

MEVKGQLISSPTFNAPALFGEAAPQVKSERLRGLLDRQRTLQEALSLKLQELRKVCLQEALTGQLPPE
CPLEPGERPQLVRRRPPTARAYPPHPNQAHHS LCPAEELALEALEREVSQQQIAAAARRLALAPDLST
EQRRRRRQVQADALRRLHELEEQLRDVRARLGLPVLPLPQLPLSTGSVITTGQVCLGMRLAQLSQEDVV
LHSESSLSSESGASHNEEPHGCSLAERPSPKAWDQLRAYSGSGSPERRTPWKPPPSDLYGDLKSRNS
VASPTSPTRSLPRSASSFEGRSVPATPVLTRGAGPQLCKPEGLHSRQWSGSQDSQMGFPRADPASDRASL
FVARTRRSNSSEALLVDRAAGGGAGSPPAPLAPASGAPVCKSSEVL YERPQTPAFSSRTAGPPDP
ARPSAAASPLRAGRAPLPCVCGDFLLDYSLDRLRPSGGGTGWGELPPAAEVGPLSRRDDGLTMLPGPPP
YYAADSNSPARKTRKDPHTRATRTKPCGLPPEAAEGPEVHPNPLLWMPPTTRIPSAGERSGHKLALGLEGR
DWYIRNSGLAAGPORRPVLPSVGPHPHPLHARCVEYGOALYGAPSOAPLPHSRSETAPPVSGRYGGCFY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001271836

ORF Size: 1890 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_001271836.2](#)

RefSeq Size: 4434 bp

RefSeq ORF: 1893 bp

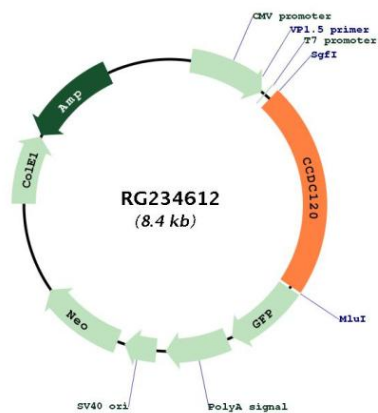
Locus ID: 90060

UniProt ID: [Q96HB5](#)

Cytogenetics: Xp11.23

Gene Summary: This gene encodes a protein that contains a coiled-coil domain. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. [provided by RefSeq, Nov 2012]

Product images:



Circular map for RG234612