

Product datasheet for **RG228504**

CCDC120 (NM_001163323) 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: >RG228504 representing NM_001163323
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAAGTCAAAGCTGCCCTGTTGCGAGAGGCTGCCCCCAGGTGAAGTCAGAGCGTCTGCGGGGCTGC
 TTGACCGGCAGCGACCTGCAGGAGGCCCTGAGCCTGAACTTCAGGAGCTCCGCAAAGTGTGTCTCCA
 GGAGGCGGAGCTGACTGGCCAGCTGCCCCCTGAGTGCCCACTAGAGCCTGGTGAACGCCCCAGTTGGTC
 CGCCGGCGGCCCCCAGAGCCCGCCCTACCTCCACCGCACCCCAACCAAGCACACCACTCCTTGTGCC
 CTGCTGAGGAGCTGGCTCTTGAGGCCCTGGAACGCGAGGTGTAGTGCAACAGCAGATCGCGGCGGCCG
 CCGCCGCTGGCCTTGGCCCCGTGATCTGAGCACCGAGCAGCGCCGGCGCCGCGCCAGGTCCAGGCAGAT
 GCACTGAGGAGGCTGCATGAGCTAGAGGAGCAGCTCAGGGATGTCCGGGCCCGCCTTGGCCTCCCAGTGC
 TCCCGTGCCCCAGCCACTGCCACTGTCCACGGGGTCACTGATCACCACCCAGGGAGTCTGCCTGGGCAT
 GCGTCTTGCTCAGCTCAGCCAAGAGGACGTAGTTCTGCACTCAGAGAGCAGCTCCCTCTCAGAGTCTGGG
 GCCAGGCATGACAAACGAGGAGCCCATGGCTGCTTCTCTGCGCCAGCGCCCTCACCACCCAAGGCTT
 GGGACCACTGCGGGCAGTATCTGGGGGAGCCCTGAGCGGCGAACCCCATGGAACCACTCCATCAGA
 TCTTTATGGGATCTGAAGAGCCGGCGAACTCTGTGGCCAGCCCCACAGCCCCACAGCTCGCTGCC
 AGGAGTGCTCCAGTTTGGAGGGCGAAGTGTGCTGCCACCCCTGTCTCACCAGGGCGCTGGCCCC
 AGCTCTGCAAACTGAAGGCCTTCACTTCTGTCAGTGGTCCGGCAGCCAGGACTCCAGATGGGCTTCCC
 CCGGGCGGACCTGCCTCCGATCGCGCCTCCCTCTTCTAGCTCGACCCGCGCAGCAACAGTTCTGAG
 GCCCTGCTGGTGGACGGGCGCTGGTGGGGGAGCTGGCTCCCGCCTGCCCTCTGGCTCCCTCTGCCT
 CTGGCCCCCAGTCTGCAAGAGCAGTGAAGTGTGTATGAGCGCCCCAACCAACCCCTGCCTTCTCCTC
 CCGCACAGCAGGCCCCCAGACCTCCCGGGCGCCCGGCTAGCTCAGCTGCCCCCTGCCTCCCGAGGT
 GCCCCCGGCTCCACCTGTGTGTGGAGACTTCTCTTGGACTATTCTTGGACCGGGGCTGCCCGCA
 GTGGCGGTGGAACAGGCTGGGGGAGCTGCCGCTGCAGCTGAGGTCCCAGGACCCCTCTCCCGCGGGA
 TGGGCTCTCACCATGCTCCCGGGCCACACCTGTGTATGAGCTGACAGCAACAGCCCCCTCTCCG
 ACCAAGGACCCCCACACCGTGCACCCGCACTAAGCCCTGTGGCTGCCCCAGAGGCTGCCGAAGGCC
 CTGAGGTGCATCAAACCTCTGCTGTGGATGCCCCCACCACCCGTATCCCTCGGCTGGTGAACGCAG
 TGGCCACAAGAACCTGGCTCTGGAGGGGCTGCGGGAGTGGTACATCCGGAACCTGGGACTGGCTGCGGG
 CCCCAGCGCGGCTGTGCTCCCTTCCGTGGGCCCGCCACACCCACCTTCTCCATGCCGCTGCTATG
 AGGTGGGCCAGGCGCTGTACGGGGCCCCAGCCAGGCGCCACTCCACACTCGAGGAGTTTACGGCGCC
 CCCTGTCTCTGGCAGGTATGGGGGTGCTTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >RG228504 representing NM_001163323
 Red=Cloning site Green=Tags(s)

MEVKAALFGEAAPQVKSERLRGLLDQRQLQEALSLKLQELRKVCLQEALTGQLPPECPLPEGERPQLV
 RRRPPTARAYPPHPNQAHSLCPAEELALEALEREVSQQQIAAAARRLALAPDLSTEQRRRRRQVQAD
 ALRRLHELEEQLRDVRLRLPLPLPQLPLSTGVSITTQGVCLGMRLAQLSQEDVVLHSESSSLSESG
 ASHDNEEPHGCFSLAERPSPPKAWDLRAVSGGSPERRTPWKPPPSDLYGDLKSRNRSVASPTSPTRSLP
 RSASSFEGRSVPATPVLTRGAGPQLCKPEGLHSRQWSGSQDSQMGFPRADPASDRASLFVARTRRNSSE
 ALLVDRAAGGAGSPPAPLAPSASGPPVCKSSEVL YERPQPTAFSSRTAGPPDPRAARPSSAAPASRG
 APRLPPVCGDFLLDYSLDRGLPRSGGTGWGELPPAAEVPGLSRRDGLLTMLPGPPPVAADSNPLLR
 TKDPHTRATRTKPCGLPPEAAEGPEVHPNPLWMPPTTRIPSAGERSGHKNLALEGLRDWYIRNSGLAAG
 PQRRPVLPSVGPHPPLHARCYEVGQALYGAPSQAPLPHSRSTAPPVSGRYGGCFY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001163323

ORF Size: 1854 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_001163323.3](#)

RefSeq Size: 4056 bp

RefSeq ORF: 1857 bp

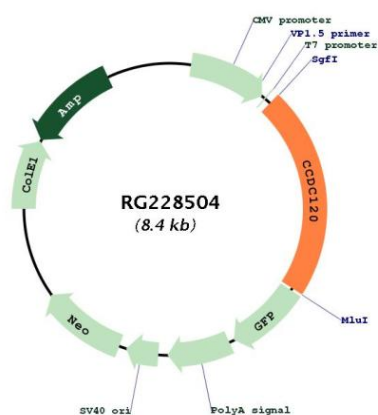
Locus ID: 90060

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 RG228504