

Product datasheet for **RG200937**

CCDC120 (NM_033626) 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: >RG200937 representing NM_033626
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAAGTCAAAGGTCAGCTGATCAGCTCTCTACCTTCAATGCCCCAGCTGCCCTGTTGCGAGAGGCTG
 CCCCCAGGTGAAGTCAGAGCGTCTGCGGGGGCTGCTTGACCGGCAGCGACCCTGCAGGAGGCCCTGAG
 CCTGAAACTTCAGGAGCTCCGCAAAGTGTGTCTCCAGGAGGCGGAGCTGACTGGCCAGCTGCCCCCTGAG
 TGCCCACTAGAGCCTGGTGAACGGCCCCAGTTGGTCCGCCGGCGGGCCCCCAGACGCCGCGCCTACCCCT
 CACCGCACCCCAACCAAGCACACCACTCCTTTGCCCCGCTGAGGAGCTGGCTCTTGAGGCCCTGGAACG
 CGAGGTGTCAAGTGAACAGCAGATCGCGGGCGCCGCCGCCCTGGCCTTGGCCCCCTGATCTGAGCACC
 GAGCAGCGCGCGCCGCCGCGCAGGTCCAGGCAGATGCACTGAGGAGGCTGCATGAGCTAGAGGAGCAGC
 TCAGGGATGTCCGGGCGCGCTTGGCTCCAGTGCTCCCGCTGCCCGACCACTGCCACTGTCCACGGG
 GTCAGTGATCACCACCCAGGGAGTCTGCCTGGGCATGCGTCTTGCTCAGCTCAGCCAAGAGGACGTAGTT
 CTGCACTCAGAGAGCAGCTCCCTCTCAGAGTCTGGGGCCAGCCATGACAACGAGGAGCCCCATGGCTGCT
 TCTCTCTGGCCGAGCGCCCCCTACCAACCAAGGCTTGGGACCAGCTGCGGGCAGTATCTGGGGGAGCCC
 TGAGCGGGCAACCCATGGAACCACTCCATCAGATCTTTATGGGATCTGAAGAGCCGGCGGAACCTCT
 GTGGCCAGCCCCACAGCCCCACAGCTCGCTGCCAGGAGTGCTCCAGTTTGGAGGGCGAAGTGTGC
 CTGCCACCCCTGTCTCACCGGGCGCTGGCCCCAGCTCTGCAAACTGAAGGCCTTCATTCTCGTCA
 GTGGTCCGGCAGCAGGACTCCAGATGGCTTCCCCCGGGCGGACCTGCCTCCGATCGCGCTCCCTC
 TTCGTAGCTCGCACCCGCGCAGCAACAGTTCTGAGGCCCTGCTGGTGGACGGGCGCTGGTGGGGAG
 CTGGCTCCCGCTGCCCTCTGGCTCCCTCTGCCTCTGGCCCCCAGTCTGCAAGAGCAGTGAGGTGCT
 GTATGAGCGCCCCCAACCAACCCCTGCCTTCTCTCCCGCACAGCAGGCCCCCCAGACCTCCCCGGGCC
 GCGCGGCTAGCTCAGCTGCCCTGCCTCCCGAGGTGCCCCCGGCTCCACCTGTGTGTGGAGACTTCC
 TCTTGACTATTCTTGACCGGGGCTGCCCGCAGTGCGGTGGAACAGGCTGGGGGAGCTGCCGCC
 TGCAGCTGAGGTCCAGGACCCCTCTCCCGCGGGATGGGCTCCTACCATGCTCCCCGGCCCCACCT
 GTGTATGCAGCTGACAGCAACAGCCCCCTCTCCGCACCAAGGACCCCCACACCGTGCCACCCGCACTA
 AGCCCTGTGGCCTGCCCCAGAGGCTGCCGAAGGCCCTGAGGTGCATCCAAACCTCTGCTGTGGATGCC
 CCCACCCACCGTATCCCTCGGCTGGTGAACGCAAGTGGCCACAAGAACCTGGCTCTGGAGGGGCTGCGG
 GACTGGTACATCCGGAAGTGGGAGTGGCTGCGGGGCCCGAGCGCGGCTGTGCTCCCTTCCGTGGGCC
 CGCCACCCACCCCTTCTCCATGCCCGCTGCTATGAGGTGGGCCAGGCGCTGTACGGGGCCCCAGCCA
 GGCGCCACTCCCACTCGAGGAGTTTACGGCGCCCCCTGTCTCTGGCAGGTATGGGGGTGCTTTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >RG200937 representing NM_033626
 Red=Cloning site Green=Tags(s)

MEVKGQLISSPTFNAPALFGEAAPQVKSERLRGLLDQRQLQEALSLKLQELRKVCLQEALTGQLPPE
 CPLEPERPQLVRRRPPTARAYPPHPNQAHHSLCPAEELALEALEREVSQQQIAAAARRLALAPDLST
 EQRRRRRQVQADALRRLHELEEQLRDVRLGLPVLPLPQLPLSTGVSITTQGVCLGMRLAQLSQEDVV
 LHSESSLSESGASHDNEEPHGCFSLAERPSPPKAWDLRAVSGGSPERRTPWKPPPSDL YGDLKSRNS
 VASPTSPTRSLPRSASSFEGRSVPATPVL TRGAGPQLCKPEGLHSRQWSGSQDSQMGPFRADPASDRASL
 FVARTRRSNSSEALLVDRAAGGGAGSPPAPLAPSASGPPVCKSSEVL YERPQTPAFSSRTAGPPDPPRA
 ARPSSAAPASRGAPRLPPVCGDFLLDYSLDRLPRSGGTGWGELPPAAEVPGLSRRDGLLTMLPGPPP
 VYAADSNPPLLRTKDPHTRATRTKPCGLPPEAAEGPEVHPNPLLWMPPTTRIPSAGERSGHKNLALEGLR
 DWYIRNSGLAAGPQRRPVLPSVGPHPFHLHARCYEVGQALYGAPSQAPLPHSRSFAPPVSGRYGGCFY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_033626

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_033626.3](#)

RefSeq Size: 4004 bp

RefSeq ORF: 1893 bp

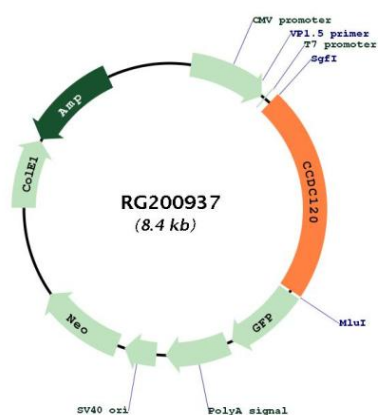
Locus ID: 90060

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 RG200937