

Product datasheet for **MG202426**

Ccdc124 (BC050938) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc124 (BC050938) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc124
Synonyms:	1810023B24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202426 representing BC050938 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAAGAAGTTCCAGGGCGAGAACAGCAAGTCGGCAGCTGCCGAGCACGGAGGGCTGAAGCCAAGG
CGGCCGCTGATGCCAAGAAACAGAAGGAGCTGGAAGATGCTTACTGGAAGGATGAGGACAAACACGTGAT
GCGGAAGGAGCAACGCAAGGAGGAGAAGGAGAAGCGACGCCTGGAGCAGCTGGAGCGCAAGAAGGAGACG
CAGCGCCTGCTGGAGGAGGAAGACTCACGGCTCAAAGGCGCAAGGCCCCACGTGTGGCGCCGCCAAGG
TCACACGTGCACAGATCGAGGACTCGCTGCGGAGAGAGCAGCGGCAGAGCCAGTGGAAAAGGCTAAGAG
CCACCTAGAGCTGCCACTGGAAGAGAACCTTAACCGGCGCCTGCAGGAAGAGGGCAGCGTGGAGGCGCGC
ACTGTGGAGGACGCCATCGCAGTGCTCAGTGTGGCTGAGGAAGCTGACCGGCATCCTGAGCGCCGGATGC
GAGCGGCCTTACCGCGTTTGAAGGAGGTGCAACTGCCACGGTTGAAGCAGGAGAACCCCAACATGCGGCT
GTCGCAACTGAAGCAGCTGCTGAAGAAGGAGTGGTTGCGCTCCCTGACAACCCGATGAACCAGCGCGCC
CTGCCCTTAAATGCGCCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG202426 representing BC050938
Red=Cloning site Green=Tags(s)

MPKKFQGENSKSAAARARRAEAKAAADAKKQKELEDAYWKDEDKHVMRKEQRKEEKEKRRLQLERKKET
 QRLLEEEDSRLKGGKAPRVAPAKVTRAQIEDSLRREQRAEPVEKAKSHLELPLEENLNRRLQEESVEAR
 TVEDIAIVLSVAEEADRHPPERMRRAAFTAFEEVQLPRLKQENPNMRLSQLKQLLKKEWLRSPDNPMMNQRA
 LPFNAPK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC050938

ORF Size: 653 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: [BC050938](#), [AAH50938](#)

RefSeq Size: 912 bp

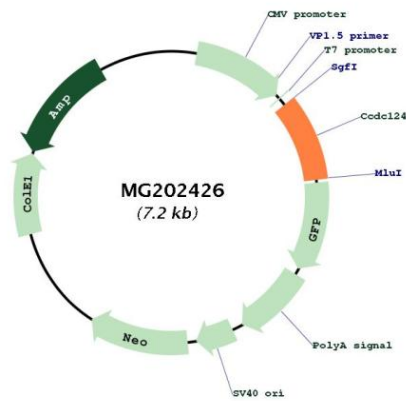
RefSeq ORF: 653 bp

Locus ID: 234388

Cytogenetics: 8 B3.3

Gene Summary: Required for proper progression of late cytokinetic stages.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG202426