

## Product datasheet for MR202426

### Ccdc124 (BC050938) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc124 (BC050938) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc124
Synonyms:	1810023B24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202426 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGCCAAGAAGTTCCAGGGCGAGAACAGCAAGTCGGCAGCTGCCGAGCACGGAGGGCTGAAGCCAAGG  
CGGCCGCTGATGCCAAGAAACAGAAGGAGCTGGAAGATGCTTACTGGAAGGATGAGGACAAACACGTGAT  
GCGGAAGGAGCAACGCAAGGAGGAGAAGGAGAAGCGACGCCTGGAGCAGCTGGAGCGCAAGAAGGAGACG  
CAGCGCCTGCTGGAGGAGGAAGACTCACGGCTCAAAGGCGCAAGGCCCCACGTGTGGCGCCGCCAAGG  
TCACACGTGCACAGATCGAGGACTCGCTGCGGAGAGAGCAGCGGCAGAGCCAGTGGAAAAGGCTAAGAG  
CCACCTAGAGCTGCCACTGGAAGAGAACCTTAACCGGCGCCTGCAGGAAGAGGGCAGCGTGGAGGCGCGC  
ACTGTGGAGGACGCCATCGCAGTGCTCAGTGTGGCTGAGGAAGCTGACCGGCATCCTGAGCGCCGGATGC  
GAGCGGCCTTCACCGCGTTTGAAGGAGGTGCAACTGCCACGGTTGAAGCAGGAGAACCCCAACATGCGGCT  
GTCGCAACTGAAGCAGCTGCTGAAGAAGGAGTGGTTGCGCTCCCTGACAACCCGATGAACCAGCGCGCC  
CTGCCCTTTAATGCGCCAAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR202426 protein sequence  
 Red=Cloning site Green=Tags(s)

MPKKFQGENSKSAAARARRAEAKAAADAKKQKELEDAYWKDEDKHVMRKEQRKEEKEKRRLQLERKKET  
 QRLLEEEDSRLKGGKAPRVAPAKVTRAQIEDSLRREQRAEPVEKAKSHLELPLEENLNRRLQEEGSVEAR  
 TVEDIAIVLSVAEEADRHPPERMRRAAFTAFEEVQLPRLKQENPNMRLSQLKQLLKKEWLRSPDNPMMNQRA  
 LPFNAPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC050938

**ORF Size:** 651 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

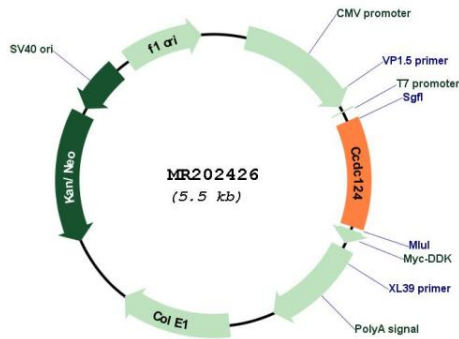
**Locus ID:** 234388

**Cytogenetics:** 8 B3.3

**MW:** 25.3 kDa

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

**Product images:**



Circular map for MR202426