

Product datasheet for **MR230029**

Coro1a (NM_001301374) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro1a (NM_001301374) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Coro1a
Synonyms:	Cl; Clabp; Lmb; Lmb3; p5; p57; TACO
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR230029 representing NM_001301374
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCGGCAGGTGGTTCGCTCCAGCAAATTCGCCACGTGTTGGACAGCCAGCAAGGCTGACCAGT
 GCTATGAGGATGTGCGCTCTCACAAACCACTTGGGACAGTGGCTTCTGCGCTGTCAACCCCAAGTTCAT
 GGCTCTGATCTGTGAGGCCAGTGGGGGAGGGCCCTTCCTGGTGCTACCCCTAGGCAAGACTGGACGAGTA
 GACAAGAAGCTGCCCTGGTCTGCGGCCACACTGCCCTGTGCTAGACATCGCCTGGTGTCCACACAATG
 ACAATGTCATTGCCAGTGGCTCTGAGGACTGCACAGTTATGGTGTGGGAGATCCCGGATGGGGCCCTGGT
 GCTGCCCTTGGGGAGCCTGTATCACCTTGGAGGGCCACACCAAGAGGGTTGGCATCGTGGCCTGGCAC
 CCCACAGCCCAGAATGTGCTTCTCAGCGCAGGTTGTGACAATGTGATCCTGGTGTGGGACGTGGGCACTG
 GGGCAGCTGTGCTGACGCTGGGCCGGATGTGCACCCGGACACAATCTACAGCGTGGACTGGAGCCGGGA
 CGGTGCTCTCATCTGCACCTCCTGCCGTGACAAGCGAGTTCGTGTCATCGAGCCTCGAAAGGCACTGTT
 GTGGCTGAAAAGGACCGTCCCCATGAGGGGACTCGGCCAGTGCACGCTGTGTTTGTGTGAGAAGGGAAGA
 TTCTAACCACGGGTTTCAGTCGCATGAGTGAGCGGCAGGTGGCGCTGTGGACACAAAGCACCTGGAGGA
 GCCACTGTCCCTGCAGGAGCTGGACACAAGCAGCGGAGTCTGCTACCTTTTTTGTATCCTGATACCAAC
 ATTGTCTACCTCTGTGGCAAGGGTGACAGCTCTATCCGGTATTTTGTAGATCACTTCTGAGGCTCCGTTCC
 TGCATTATCTTCCATGTTCAAGTCCAAGGAGTCTCAGCGTGGTATGGGCTACATGCCAAACGTTGGCT
 GGAAGTGAATAAGTGTGAGATTGCCAGATTCTATAAGCTTCATGAGCGGAAGTGTGAGCCATTGCCATG
 ACAGTGCTAGAAAGTCGACCTGTTCCAGGAGGACCTGTATCCGCCACTGCAGGACCCGACCTGCC
 TCACAGCTGAGGAATGGCTGGTGGTGGGATGCTGGCCCTCCTCATTTCCCTCAAGGATGGTACGT
 GCCCCAAAGAGCAGGGAGCTGAGGGTCAACAGGGCCCTGGACAGCGCTCGCAGAAGAGCTACACCAGAG
 CCCAGCGGCACGCCAGCTCGGATACCGTGTCAAGGCTGGAGGAGCAGTGGGAATCTGAACGCCATAG
 TGCAAAAGCTACAAGAGCGCCTGGACAGGCTGGAGGAGACTGTT**CAGGCCAAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230029 representing NM_001301374
 Red=Cloning site Green=Tags(s)

MSRQVVRSSKFRHVFGQPAKADQCYEDVRVSQTTWDSGFCVNPKFMALICEASGGGAFLVPLGKTGRV
 DKNVPLVCGHTAPVLDIAWCPHNDNVIASGSEDCTVMVWEIPDGGLVPLREPVITLEGHTKRVGIVAWH
 PTAQNVL SAGCDNVILVWDVGTGA AVL TLGPDVHPDTIYSVDWSRDGALICTSCRDKRVRVIEPRKGTV
 VAEKDRPHEGTRPVHAVFVSEGI LTTGFSRMSERQVALWDTKHLEEPLSLQELDTSSGVLLPFFDPDTN
 IVYLCGKGDSSIRYFEITSEAPFLHYLSMFSSKESQRGMGYMPKRGLEVNKCEIARFYKLHERKCEPIAM
 TVPRKSDLFQEDLYPPTAGPDPALTAEEWLGGRDAGPLLSLKDGYVPPKSRELVRNRLDSARRRATPE
 PSGTPSSD TVSRLEEDVRNLNAIVQKLQERLDREETVQAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001301374

ORF Size: 1383 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: [NM_001301374.1](#), [NP_001288303.1](#)

RefSeq Size: 1773 bp

RefSeq ORF: 1386 bp

Locus ID: 12721

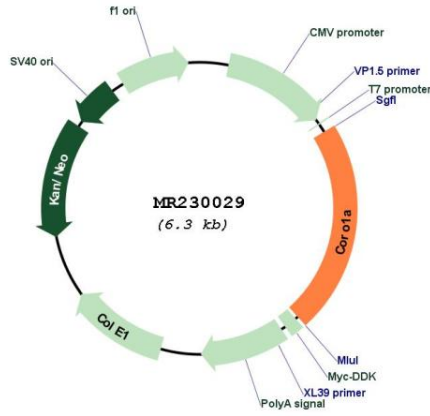
UniProt ID: [O89053](#)

Cytogenetics: 7 F3

MW: 51 kDa

Gene Summary: This gene encodes a member of the WD repeat coronin family. The encoded protein may bind actin and interact with microtubules. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]

Product images:



Circular map for MR230029