

Product datasheet for **MR207361**

Coro1a (NM_009898) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro1a (NM_009898) 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)



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ORF Nucleotide Sequence:

>MR207361 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCCGGCAGGTGGTTCGCTCCAGCAAATTCGCCACGTGTTGGACAGCCAGCAAGGCTGACCAGT
 GCTATGAGGATGTGCGCTCTCACAAACCACTTGGGACAGTGGCTTCTGCGCTGTCAACCCAAGTTCAT
 GGCTCTGATCTGTGAGGCCAGTGGGGGAGGGCCCTTCCTGGTGCTACCCCTAGGCAAGACTGGACGAGTA
 GACAAGAAGCTGCCCTGGTCTGCGGCCACACTGCCCTGTGCTAGACATCGCCTGGTGTCCACACAATG
 ACAATGTCATTGCCAGTGGCTCTGAGGACTGCACAGTTATGGTGTGGGAGATCCCGGATGGGGCCCTGGT
 GCTGCCCTTGGGGAGCCTGTGCTCACCTTGGAGGGCCACACCAAGAGGGTTGGCATCGTGGCCTGGCAC
 CCCACAGCCCAGAATGTGCTTCTCAGCGCAGGTTGTGACAATGTGATCCTGGTGTGGGACGTGGGCACTG
 GGGCAGCTGTGCTGACGCTGGGCCGGATGTGCACCCGGACACAATCTACAGCGTGGACTGGAGCCGGGA
 CGGTGCTCTCATCTGCACCTCCTGCCGTGACAAGCGAGTTCGTGTCATCGAGCCTCGAAAGGCACTGTT
 GTGGCTGAAAAGGACCGTCCCCATGAGGGGACTCGGCCAGTGCACGCTGTGTTTGTGTGAGAAGGGAAGA
 TTCTAACCACGGGTTTCAGTCGCATGAGTGAGCGGCAGGTGGCGCTGTGGACACAAAGCACCTGGAGGA
 GCCACTGTCCCTGCAGGAGCTGGACACAAGCAGCGGAGTCTGCTACCTTTTTTGTATCCTGATACCAAC
 ATTGTCTACCTCTGTGGCAAGGGTGACAGCTCTATCCGGTATTTTGTAGATCACTTCTGAGGCTCCGTTCC
 TGCATTATCTTCCATGTTCAAGTCCAAGGAGTCTCAGCGTGGTATGGGCTACATGCCAAACGTTGGCCT
 GGAAGTGAATAAGTGTGAGATTGCCAGATTCTATAAGCTTCATGAGCGGAAGTGTGAGCCATTGCCATG
 ACAGTGCCTAGAAAGTCGACCTGTTCCAGGAGGACCTGTATCCGCCACTGCAGGACCCGACCCCTGCC
 TCACAGCTGAGGAATGGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 GCCCCCAAAGAGCAGGGAGCTGAGGGTCAACAGGGGCCCTGGACAGCGCTCGCAGAAGAGCTACACCAGAG
 CCCAGCGGCACGCCAGCTCGGATACCGTGTCAAGGCTGGAGGAGGACGTGAGGAATCTGAACGCCATAG
 TGCAAAAGCTACAAGAGCGCCTGGACAGGCTGGAGGAGACTGTT**CAGGCCAAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207361 protein sequence
 Red=Cloning site Green=Tags(s)

MSRQVVRSSKFRHVFGQPAKADQCYEDVRVSQTTWDSGFCVNPKFMALICEASGGGAFLVPLGKTGRV
 DKNVPLVCGHTAPVLDIAWCPHNDNVIASGSEDCTVMVWEIPDGLVPLREPVVTEGHTRKRVGIVAWH
 PTAQNVL SAGCDNVILVWDVGTGA AVL TLGPDVHPDTIYSVDWSRDGALICTSCRDKRVRVIEPRKGTV
 VAEKDRPHEGTRPVHAVFVSEGI LTTGFSRMSE RQVALWDTKHLEEPLSLQELDTSSGVLLPFFDPDTN
 IVYLCGKGDSSIRYFEITSEAPFLHYLSMFSSKESQRGMGYMPKRGLEVNKCEIARFYKLHERKCEPIAM
 TVPRKSDLFQEDLYPPTAGPDPALTAEEWLGGRDAGPLLSLKDGYVPPKSRELVRNRLDSARRRATPE
 PSGTPSSD TVSRLEEDVRNLNAIVQKLQERLDRLEETVQAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_009898

ORF Size: 1386 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_009898.1](#), [NM_009898.2](#), [NM_009898.3](#), [NP_034028.1](#)

RefSeq Size: 1686 bp

RefSeq ORF: 1386 bp

Locus ID: 12721

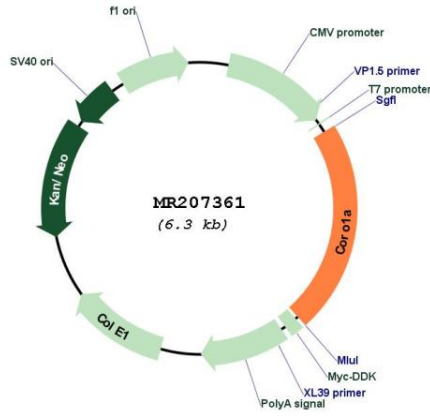
UniProt ID: [O89053](#)

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 MR207361