

Product datasheet for **RR209681**

Col11a2 (NM_212528) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Col11a2 (NM_212528) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Col11a2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209681 representing NM_212528
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

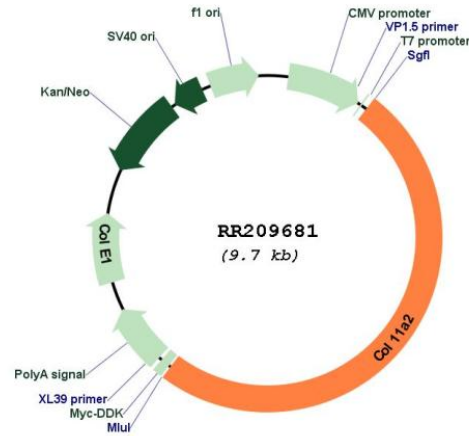
ATGGAGCGGTGCAGCCGCTGCCACCGCCTCTACTGCTCCTACCTCTGGTCTGGGTCTGAGTGCTGCC
CAGGATGGGCAGGTGCACCCTCTGTGGATGTGCTACGTGCCCTGAGGTTCCCTCCCTCCCGATGGTGT
TCGAAATCAAAGGGGCTGTCCAGCTGATGTGGCTTACCGTGTGGCAGCACCTGCCAGCTCAGCGCA
CCACACGCCAGCTTCCAGGAGGCTTCCCAAAGATTTCTCTCTGCTGACTGTTGTCCGGACCCGCT
CTGGCCTCCAAGCTCCCTCCTGACTCTATACAGTGCCAGGGAGTCCAGCAACTGGGCCTGGAGCTCGG
TCGTCCAGTCCGCTTTCTATGAGGACCAGAGGGGACGGCCACAAGCCTCCGCTCAGCCATCTCCGA
GGCCTGAGCCTCGCTGATGGCAAGTGGCACCATGTGGCTGTAGCTGTGAAGGGTCACTGTCACTCTCA
TTGTGGACTGTAAGAAGCGAGTCAACCGGCCCTTCCCGAAGCGTGCATCCGGTCTGGACACCCACGG
GGTGGTATCTTTGGTGGCCACGCTCCTCGATGATGAAGTCTTTGAAGGTGATGTTCAAGAACTCCTCATT
GTCCCGGGCGTCCAAGCTGCCTATCAGTCTTGTGGACAGAAGGACCTGGAATGCGAGAGAGAACAGAGGG
ACGGCCCTCAGACTCAGAAGCCTCACAGGGCCAGAGATCTCAAAGAAGGAGCCAGCCAGACTTCATAA
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TGCTGGAGCCTGGTATGTTGTAGAGGGACCTCCAGGCCAGAAGGCCAGCGGGGTTAGCTGGACCCCC
TGGCATCCAGGGGAACCCAGGCCAGTTGGAGACCCTGGCAGAGGGGCCCCCTGGCCGGGCAGGGCTC
CCTGGATCAGACGGACCTCCTGGTCTCCTGGTACATCTCTGATGCTCCCATCCGGTTTGGCAGCAGTG
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CGTGAAGGGTGACCGAGGCTTTGACGGACTGCCTGGGCTACCTGGTGAAGGGACAAGGGGTGACACA
GGTGTCAAGGCCTTCTGGCCTCCCGGTGAGGACGGAGAGAGGGGTGACGATGGAGAGATTGGGCCCC
GCGGGCTGCCTGGAGAGTCAGGACCTAGAGGACTCCTTGGCCCTAAAGGCCCTCCTGGTATTCTGGGCC
CCCGGGACCTCAAGGAGAGCCAGGGCCTCCCGGACAACAGGGCACTCCTGGAACCTCAGGGCCTCCCGGA



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CCTCAGGGTGCCATTGGACCTCATGGAGAGAAGGGCCCTCGTGGGAAACCAGGCCTCCCTGGCATGCCGG
 GATCAGATGGACTCCCGGGCCACCAGGGAAGGAAGGACCCCTGGAACCAAAGGGAACCAGGGCCCTC
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 GGAGTCCAGGGTGAAGGGCGTCAAGGGTCCACGTGGAGAGCGTGGTGAAGGAGAGTCTGGGCAGG
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 CGTTGGCTTCTGGGGACCTGGCCCCCGGAGAAGCTGGCCCAAGGGGCCAGGATGGTGTCTAAGGGA
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 CCTGGAGCCACAGGCCAGGCTGGCCCCCAGGCTCTGTGGACCCCCAGGGCTTCTGGCCTCCGGGGT
 ATGCTGGCGCAAGGGGAGAAGGGTATCCAGGCCTCATCGGACTGATTGGGCCGACCGGAGAGCAAGG
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 CCCGGGCGAGGTGATCCAGCCACTGCCATCCAGATGCCAAGAAGACCCGGCGCTCTGTGGACGGAAGC
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 GCTCACCTTCTGCGGCTGCTCAGGCTCTGCCCACCAGGATGTTTCTACCCTTGTCTGGGGTATCC
 CAGGACGGTCCCCTGAACTCCGAGGGGCAATGAGGATGAGCTGAGCCCTGAGACCAGCCCTTACGTCA
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 GGCCTGTCTGCTTCATGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGGTTTAA

Plasmid Map:


ACCN: NM_212528

ORF Size: 4851 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_212528.1](#), [NP_997693.1](#)

RefSeq Size: 5951 bp

RefSeq ORF: 4854 bp
Locus ID: 294279
Cytogenetics: 20p12
MW: 159 kDa