

Product datasheet for **RN214893**

Col4a3bp (NM_001108935) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col4a3bp (NM_001108935) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Col4a3bp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214893 representing NM_001108935
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGATAACCCAGAGCTGGAACCTCGTCGGGCTCGGAGGAGGATCCGGAGACAGAGTCCGGGCCGCTG
 TGGAGCGCTGCGGAGTCCCTCAGCAAGTGGACAACTATATTCATGGGTGGCAGGATCGTTGGGTTGTTTT
 GAAAAATAACTTTGAGTTACTACAACTCTGAAGATGAAACAGAATATGGCTGTAGGGATCCATCTGT
 CTAAGCAAGGCTGTGATCACGCCTCATGACTTTGATGAATGCCGGTTTGATATTAGTGTGAATGATAGTG
 TTTGGTATCTTCGTGCTCAGGACCCAGATCATAGACAGCAGTGGGTAGACGCCATTGAGCAGCACAAAGC
 TGAATCAGGATATGGATCTGAGTCCAGCTTGCCTAGACATGGCTCAATGGTGTCACTGGTGTCTGGAGCA
 AGTGGCTATTCTGCTACGTCCACATCTTCAATCAAGAAAGGCCACAGTTTACGTGAGAAGTTGGCTGAAA
 TGGAAACCTTTAGAGACATCCTGTGTAGGCAGGTTGATACTCTGCAGAAGTACTTTGATGTCTGTGCTGA
 TGCTGTCTCCAAGGATGAACTTCAAAGGATAAAGTGGTGAAGACGATGAAGATGACTTCCCTACAAC
 CGCTCTGATGGAGACTTCTTGCACAATACCAATGGTAATAAGGAAAAATTTCCACATGTAACACCAA
 AAGGAATTAATGGCATAGACTTTAAGGGGGAAGCAATAACTTTTTAAAGCAACTACTGCTGGCATCCTTGC
 TACACTGTCTCATTGTATTGAACTGATGGTAAAACCGCAAGAAAGCTGGCAAAAAAGGCATGATAGGGAA
 GTGGAAAAGCGGAGACGAGTAGAGGAAGCATACAAGAAATGTGACGGAGGAACTTAAGAAGAAACCTCGCT
 TCGGAGGGCCAGACTATGAAGAAGGTCCAAACAGTCTGATTAATGAGGAAGAGTTCTTTGATGCTGTTGA
 AGCTGCTCTTGACAGACAAGATAAAATAGAGGAACAGTACAGAGTGAAGGTCAGGTTACACTGGCCT
 CCGTCATTGCCATCTGGAGATACCTTTTCTTCAGTTGGGACTCACAGATTCGTACAAAAGCCCTATAGTC
 GCTCTCCCTCCATGTCTCCATTGATCTAGTCAGTGCCTCTGACGATGTCCACAGATTGAGTCCAGGTT
 TGAAGAGATGGTACAGAACCACATGAATTATTCATTACAGGATGTAGGTGGTGTGCAAAATGGCAGCTG
 GTTGTAGAAGAAGGAGAAATGAAGGTGTACAGAAGAGAAGTTGAAGAAAATGGAATCGTTCTGGATCCTT
 TGAAAGCTACTCATGCAGTTAAAGGTGTTACAGGACACGAGGCTGCAATTACTTTTGGAAATGTTGATGT
 TCGCAATGACTGGGAACTACTATAGAAAACCTTTCATGTGGTGGAAACATTAGCTGATAATGCAATCATC
 ATTTATCAAACGCACAAGAGAGTGTGGCCCGCTTCTCAGAGAGACGTGCTGTATCTTTCTGCTATTCGGA
 AGATCCCAGCCTTGACTGAGAACGACCCTGAGACTTGGATAGTTTGTAAATTTCTGTGGACCATGACAG
 TGCTCCTCTGAACAATCGATGTGTCCGTGCCAAAATCAATATTGCTTTGATTTGTCAAACCTTTGGTAAGC
 CCACCAGAGGGAGACCAGGAGATAAGCAGAGACAACATCTGTGCAAGATTACATATGTAGCTAATGTGA
 ACCCAGGAGGATGGGCGCCAGCCTCGGTGTTAAGAGCAGTGGCAAGCGAGAATACCCCTAAGTTTCTAAA
 ACGATTTACTTCTATGTCCAAGAAAAAAGTGCAGGAAAACCAATTTTGT**TTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108935

Insert Size: 1875 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001108935.1](#), [NP_001102405.1](#)

RefSeq Size: 5336 bp

RefSeq ORF: 1875 bp

Locus ID: 365652

Cytogenetics: 2q12