

Product datasheet for **RN202148**

Col8a1 (NM_001107100) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col8a1 (NM_001107100) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Col8a1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202148 representing NM_001107100
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGTGCCACCCAGGCCTCTACAGCTGCTGGGAATACTGTTTCATCCTTTCCCTGAGCTCCGTCAGAC
 TCGCTCAGGCCGGTGCCTACTATGGAATCAAGCCTCTGCCACCTCAAATCCCTCCTCAGATACCACCACA
 AATTCACAGTACCAGCCCTTGGCCAGCAAGTACCTCATATGCCTTTGGGCAAGGATGGCCTTTCCATG
 GGCAAGGAGATGCCCCACATGCAGTATGGCAAAGAGTACCACACCTACCCAGTATATGAAGGAAATCC
 AACCTGTGCCAAGAGTGGGCAAGGAAGTGGTGCCTCAAAAAGGCAAGAAATACCATTAGCCAGTTTGGC
 AGGAGAACAAGGTCCCGTGGAGAACCTGGACCAAGAGGACCCTGGGCCACCAGGTTTGGCAGGTCAC
 GGAATGCCTGGAATCAAAGGAAAGCCAGGGCCCCAGGGATACCCAGGGATTGAAAGCCGGGTATGCCTG
 GAATGCCTGGGAAGCCAGGAGCCATGGGAATGCCGGGGGCAAAAGCGAAATTGGACCAAAGGGGAAAT
 CGGACCTATGGGAATCCCAGGGCCACAAGGACCTCCAGGACCCCATGGACTTCTGGCATTGGGAAACCG
 GGTGGGCCAGGGTTACAGGGCAACCAGGAGCAAAAGGTGAGAGAGGGCCAAAGGACCACCAGGACCTC
 CCGGCCTACAGGGTCCCAAGGAGAGAAGGGCTTCGGGATGCCTGGCTTCCCGGGTCTCAAGGGTCCGCC
 AGGTATGCATGGCCCTCTGGCCAGTTGGGCTACCAGGAGTAGGAAAACCAGGAGTGACTGGCTTTCCT
 GGACCCAGGGTCCCTTGGGGAAGCCAGGGCTCCAGGGGAACCTGGACCAAGGCCTTATTGGTGTGC
 CAGGCGTTCAAGGACCTCCTGGGATGCCTGGAGTTGAAAGCCAGGTGAGGATGGGATCCCTGGCCAACC
 AGGATTTCCAGGTGGTAAAGGGGAACAGGGATTACCAGGGTTCCTGGACCCCAAGGCCTCCAGGGGT
 GGAAAACCAGGCTTCCAGGACCCAAAGGGGACCGGGTATTGGGGTGTCTGGGGCTCTTGGGCCAA
 GGGGAGAAAAGGGGCCAGTAGGTCTCTGGAATAGGGGTCCCTGGAGAGCCAGGCTACCCCGGAAT
 TCCAGGTCCCATGGGCCCTCCAGGAGCTATTGGTTTCCCTGGACCCAAAGGAGAAGGTGGAATTGTAGGA
 CCACAGGGTCCACCAGGTCCCAAGGAGAGCCAGGCTCCAGGGCTTCCCTGGGAAGCCAGGTTTTCTTG
 GTGAAGTAGGTCCCCTGGCATGAGGGGTTGCCCGTCTATAGGACCAAGGAGAAGCTGGTCACAA
 AGGATTGCCTGGACTTCTGGTGTCCAGGGCTGCTTGGACCCAAAGGAGAACCTGGCATAACCCGGGAT
 CAGGGTCTACAGGGGCCCCAGGTATTCCAGGGATTGCGGGACCTAGTGGCCCTATTGGACCCCTGGGA
 TTCCAGGCCCAAAGGAGAACCAGGCTCCAGGGCCCCCTGGGTCCCTGGTGTAGGGAAGCCAGGAGT
 AGCAGGACTTCATGGTCCCCGGGGAACCTGGTGCCTTGGACCTCAAGGCCAACCTGGCTTCTCTGGG
 CCACCAGGCCCTCCAGGCCCCCAAGGCCCCAGCTGTGATGCCCTACACCATACCCAGGGAGAGT
 ATCTACCAGATATGGGACTAGGAATTGATGGAGTGAAGCCTCCACATGCCTATGCCGGCAAAAAGGGCAA
 GAACGGAGGGCCCTATGAGATGCCCGCTTTACTGCCGAGCTGACTGTACCTTTCCACCCGTGGGGCC
 CCAGTGAAGTTTGACAAGCTCTATAACAATGGAAGACAGAATAACAACCCGACAGCGGGAGTCTTACCT
 GCGAAGTCCCGGGTGTCTACTACTTTGCTTACCATGTTCACTGCAAGGGAGGCAACGTCTGGGTTGCTCT
 CTTCAAGAACAACGAGCCCATGATGTACACATACGACGAGTACAAGAAGGGCTTTCTGGACCAGGCATCT
 GGAAGCGCAGTACTGCTGCTCCGGCCCGGAGACCGGGTGTCTCCAAATGCCTTCAGAACAGGCTGCTG
 GACTCTATGCTGGGCAATATGTCCACTCCTCTTTTCAGGATATTTATTGTATCCCATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107100

Insert Size: 2232 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:	<ol style="list-style-type: none">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:	<u>NM_001107100.1, NP_001100570.1</u>
RefSeq Size:	2432 bp
RefSeq ORF:	2232 bp
Locus ID:	304021
Cytogenetics:	11q12