

Product datasheet for **RN209256**

Cul4b (NM_001106951) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cul4b (NM_001106951) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cul4b
Synonyms:	RGD1564494
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209256 representing NM_001106951
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCACGTTCAACTAAGTCTAGAGAAAGAAGAGAGAATGATGCCAACTCAGAAGATAACAGTTCAGAAA
 CCTCCAATCAAGAGCGCCGAAGGTGCTCCAAGGCCCGCCCGTCTCCCTATCCACCTCTTTACCCCC
 GGTGTTCCCTCCCAACCCCCCACTCAAGTCCGGCGGACCCGGGGGTTTCTAGGATCTGGGAGCTATG
 AAAAGTGTCTGCCAGGCACTTCCGGTTTTTCTCCCAATCCCTCTGCTGCTTCTGCTGCTCAGG
 AGGTCAGATCTGCCACTGATGGTAAACCAGCACCCTCCGCCACCTCTGCCAAGAAGAGAAAAGTTAAA
 CAGCAGCAGCAGTAGCAGCAGTAACAGTAGTAACGAGAGAGAAGACTTTGATTCCACCTCTTCTCC
 TCCACCCCTCCACAACCCAGAGATTCGGCGTCCCTTCAACCTCATCCTTCTGCCTGGGGTTCCAGTGG
 CCACTTCCAGCCAGTACCTATACAGAAGAAGTGCCTTTTGAAGACACCCTGGAGTTTGTAGGGTTTGA
 TACGAAAATGGCTGAGGAATCTTCTCCTCATCTTCTCATCTTACCAACTGCTGCAACCTCACAGCAG
 CAACAGCAGCAACTTAAAAATAAGAGTATATTAATTTCTCGGTGGCTTCAAGTGCACCATGCAAAACGGCC
 TGGCTAAATCTTCTACCACGGTCTCTAGCTTTGCTAACAGCAAGCCTGGCTCAGCTAAGAAGTTAGTGAT
 CAAGAAGTTTAAAGATAAGCCTAAATTACCAGAAAATACAGATGAGACATGGCAAAAGCTAAAAGAA
 GCAGTGGAAAGCCATTAGAAATAGTACTTCAATTAAGTACAATTTAGAAGAAGCTTACCAGGCTGTAGAAA
 ATCTTTGTTCTTACAAGATTTCTGCCAATTTGTATAAGCAGCTGAGGCAGATCTGTGAAGATCACATCAA
 AGCACAGATTCATCAGTTCAGAGAGGATTCATTGGATAGTGTCTTTTCTAAAAAGATTGATAGATGC
 TGGCAAAATCATTGTAGGCAATGATAATGATCAGGAGCATTTTTTGTTTCTGGATAGAAGTTATGTTT
 TCCAAAATCAATGCTGCCCTCTATTTGGGACATGGGATTAGAGTTATTTAGGGCTCATATTATAAGTGA
 TCAAAAAGTCCAGACAAAAACAATCGATGGCATCCTTCTCTTGTGAGAGAGAGCGGAATGGTGAAGCA
 ATTGATAGAAGTTTACTTCAAGCCTTTTAAATATGCTGTCTGACTTGAATTTACCAAGACTCTTTTG
 AACACAGATTTTGAAGAACTAATCGCTTTATGCGGCCGAAGGTGAGAAGTTAATGCAAGAAAGAGA
 GGTTCTGAGTATCTTCAATCATGTTAATAAACGCCTAGAAGAAGAAGCAGACAGACTTATTACTTACTTA
 GATCAGACCACCCAGAAGTCACTGATTGCTTCTGTTGAAAAACAAGTCTAGGTGAACACTTAACAGCAA
 TTCTTCCAGAAAGTTTAAATAGCCTCCTGATGAAAACCGAATCAAGATCTGTCTCTCTGTATCAGCT
 CTTCAAGTGTGAGTTCGGGGAGGAGTTCAGGTTCTCCTACAGCACTGGATTGAGTATATCAAGGCTTTTGA
 AGTACCATTGTTATTAATCCTGAAAAGATAAACTATGGTTCAAGAATTATTGGACTTTAAAGATAAAG
 TTGACCATATAATTGATACCTGCTTCTGAAAAATGAAAAATTTATCAATGCCATGAAAGAAGCATTTGA
 AACCTTCATTAATAAAAGACCAATAAGCCAGCTGAAGTATAGCTAAGTATGTGGATTCAAAACTTCGT
 GCAGGCAACAAAGAAGCTACAGATGAAGAGCTTGAAGAAATGTTGGATAAAATAATGATTATATTTAGAT
 TTATCTATGGCAAGATGTTTTGAGGCCTTCTATAAGAAAGACTTAGCCAAACGCCTATTAGTTGGCAA
 GAGTGCATCAGTGGATGCTGAAAATCAATGCTGTCCAACTGAAACACGAATGTGGAGCCGCTTTTACC
 AGCAAGCTTGAAGCATGTTTAAAGACATGGAGCTTCTAAAGATATCATGATCCAGTTCAAACAGTATA
 TGCAGAACCAGAATGTACCTGGCAATATTGAATTAAGTGTAAATCCTGACAATGGGTTATTGGCCAAC
 ATATGTGCCTATGGAAGTCCATTTGCCACCAGAGATGGTGAAGCTTCAGGAAATTTTCAAGACATTTTAC
 TTAGGCAAGCACAGTGGCAGGAACTTCAATGGCAATCAACCTTGGGACACTGTGTGCTAAAAGCTGAAT
 TTAAGAGGGCAAAAAAGAACTTCAAGTCTCTTTTTTCAAACCTGGTGTACTAATGTTTAAATGAAGG
 AGAGGAGTTCAGTTAGAGGAGATAAAGCAAGCCACTGGAATAGAGGATGGAGAATTAAGAAGAAGCACTG
 CAGTCACTAGCCTGTGGCAAAGCTAGAGTCTGGCTAAAAATCAAAGGGCAAAGATATTGAAGTGGTG
 ACAAGTTTATTGTAATGATGATTTCAAACACAACTATTCAGGATAAAGATCAATCAAATCCAGATGAA
 AGAAACGGTTGAAGAACAAGCAAGCACTACAGAAAGAGTATTCAAGATAGACAGTACCAAATTTGATGCT
 GCGATCGTCCGAATTATGAAGATGAGAAAAACACTTAGCCACAACCTTCTGTTTCAGAAGTCTACAATC
 AGCTAAAATTTCCAGTAAAACCTGCTGATCTTAAGAAGAGAATAGAATCCCTAATTGACCGGGACTACAT
 GGAAAGAGATAAAGAAAACCAATCAGTACAACCTATATTGCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106951
Insert Size:	2916 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_001106951.1</u> , <u>NP_001100421.1</u>
RefSeq Size:	3821 bp
RefSeq ORF:	2916 bp
Locus ID:	302502
Cytogenetics:	Xq35