

Product datasheet for **RN208903**

Cul4a (NM_001127301) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cul4a (NM_001127301) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cul4a
Synonyms:	RGD1563853
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208903 representing NM_001127301
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGAGGGCCCTCGGAAGGCGAGCGTCTCGGCTCTCATGGGCCACCAACGGCCCTACCAAGC
 CCGCGCGGTTGGCCAGTGGCCCCGCCAAACCGGGAGGCACGGGCGGCTCCAGGAAGCTGGTCATCAAGAA
 CTTCCGAGACAGGCCGGCTGCCTGACAACTACTCAGGACACGTGGCGGAAGCTTCACGAAGCGGTC
 AAGGCCATCCAGAGCAGCACATCCATCAGGTACAACCTGGAGGAAGTGTACCAGGCTGTTGAGAATCTGT
 GCTCTCACAAGTCTCCCCACGCTCTACAAGCAGCTGCGGCAGGTCTGTGAAGACCATGTCAGGCCCA
 GATCCTCCCTTCAGAGAAGACTCACTAGACAGCGTTTTGTTTCTGAAGAAGATTAACACATGCTGGCAA
 GATCACTGCAGACAAATGATCATGATCAGAAGCATCTTCTGTTTCTGGACCGCACCTACGTCCTCCAGA
 ACTCCATGCTGCCTTCCATCTGGGACATGGGCCTAGAGCTGTTTAGGAACCATATCATCAGTGACAGGAT
 GGTGCAAAGCAAGACCATTGATGGGATCCTGCTGCTGATTGGGCGTGAACGAAGTGGTGAGGCTGTGGAC
 AGGAGTCTGCTTCGACGTCTGTTGAGCATGCTCTCAGATCTCCAGGTCTACAAAGACTCATTGCAACTGA
 AGTTCTTGAAGAGACTAACTGTCTGTACGCTGTGAAGGCCAGCGGCTGATGCAAGACAGGGAGTTCC
 AGAATACCTTAACCATGTGAGTAAACGTCTAGAAGAGGAAGCAGACCGAGTGATCACTTACTTAGACCAC
 AGCACACAAAAACCGTTGATTGCCTGTGTGGAGAAACAGTTGTTAGGAGAACATTTGACAGCAATTTCTC
 AGAAAGGGCTTGAGCAGCTGCTGGATGAGAACAGGGTGCCCGACCTCACACAGATGTACCAGCTCTTCAG
 CCGGGTGAAAGGGGGCCAGCACGCACTGCTGCAGCACTGGAGCGAGTACATCAAGACCTTTGGGACAACC
 ATTTGTCATCAATCCTGAGAAAGACAAAGACATGGTCCAAGACCTGCTGGACTTTAAGGACAAAGTGGACC
 ACGTGGTGGAGGTGCTTCCAGAGGAACGAGCGCTTCATCAACCTGATGAAGGAGTCTTTGAGACGTT
 CATAAACAGAGACCAAACAAGCCGGCAGAGCTCATTGCCAAGCACGTGGATTCAAAGTTACGAGCAGGC
 AACAAAGGAAGCAACAGACGAGGAGCTGGAGAGGATCCTGGACAAGATCATGATTCTGTTCCGATTATCC
 ACGGTAAGATGTCTTTGAAGCATTTTATAAGAAAGACTTAGCAAAAAGGCTGCTAGTGGGGAAGAGCGC
 GTCGGTGGACGCGGAGAAGTCCATGCTGTCCAAGCTGAAGCATGAGTGTGGAGCAGCTTTTACCAGCAAG
 CTGGAGGGCATGTTCAAGGACATGGAGCTGTCAAAGACATCATGGTCACTTCAAGCAGCATATGCAGA
 ACCAAAGTGCACCAGGCCCATCGACCTCACGGTGAACATCCTCACCATGGGCTACTGGCCTACATACAC
 ACCCATGGAAGTGCACCTCCCTCCAGAGATGGTCAGACTTCAGGAAGTATTCAAGACGTTCTACCTGGGC
 AAGCACAGTGGCCGGAAGCTGCAGTGGCAGACGCGCTGGGACACGCTGTGTTGAAGGCGGACTTTAAGG
 AGGGGAAGAAGGAGTCCAGGTGTCCTGTTCCAGACGCTCGTGCTGCTCATGTTCAACGAGGGCGACGG
 GTTCAGCTTCAAGAAATCAAAATGGCCACCGGCATAGAGGACAGTGAGTTGCGAAGAAGCACTGCAGTCT
 CTCGCCTGTGGTAAAGCCCGGCTCTGATTAAGTCCCAAAGGGAAGGAGGTGGAAGACGGAGATAAGT
 TCATCTTCAATGCAGACTTCAAACACAAGTTGTTCCAGAAATAAGATCAATCAAATCCAGATGAAGGAAAC
 CGTTGAAGAACAGGTTAGCACCACAGAGAGAGTGTCCAGGACAGACAGTACCAGATCGACGCTGCTATA
 GTCAGAATAATGAAAATGAGGAAGACACTTGGTCATAATCTTCTAGTTTCTGAATTATACAATCAGCTGA
 AATTTCCAGTAAAGCCTGGAGATTTGAAAAGAGGATTGAGTCACTTATAGACAGAGACTATATGGAACG
 AGACAAAGACAGTCCAAATCAGTACCACTACGTGGCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001127301
Insert Size: 2280 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_001127301.1</u> , <u>NP_001120773.1</u>
RefSeq Size:	2859 bp
RefSeq ORF:	2280 bp
Locus ID:	361181
Cytogenetics:	16q12.5