

Product datasheet for **SC301384**

CUL4A (NM_001008895) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CUL4A (NM_001008895) Human Untagged Clone
Tag:	Tag Free
Symbol:	CUL4A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001008895 edited

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CCGGCCAGCCATGGCGGACGAGGCCCGCGGAAGGGCAGCTTCTCGGCCTCGTGGCC
GCACCAACGGCTCACCAGCCCGGGCCCTGGCCCGCGCCCAAGCCGGGGGGCG
CGGGCGCTCCAAGAAGCTGGTCATCAAGAAGTCCGAGACAGACCTCGGCTGCCGACA
ACTACACGCAGGACACGTGGCGGAAGCTGCACGAGGCGGTGCGGGCCGTGCAGAGCAGCA
CCTCCATCAGGTACAACCTCGAGGAGCTCTACCAGGCTGTGAAAATCTCTGTTCTACA
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TGTTTAGAACCCATATTTAGTGATAAAATGGTTCAGAGTAAAACCATGATGGAATCC
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CGCCCATGGAAGTGCACCTTAACCCAGAAATGATTAAGTTCAGGAAGTATTTAAGGCAT

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TTTATCTTGAAAAGCACAGTGGTCGAAAACCTTCAGTGGCAAACACTCTTTGGGACATGCTG
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CTGCGTCTGTTTCGTCAGCTGAGTTCCTTGTGAATCTCTGTTTTAGGGTTTGGGGCTAGTG
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CTGCTCTTTGATTTTTTTTAAATTGCAGTATTTGTGTGATTGCAATAATAAAGTTTGGTTT
GGTTTTTACAGTCATGCGCAGGGACGATCCTTGTCTCTGCTGTAACCTGTA AAAAGTTT
ATGGAGACTTAAAGTCTTGATGTTGTGAAGCAGAGGTTATTTTGTGAAAAGATTA AAAAG
ATTTTGTGGTAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_001008895
- Insert Size:** 3300 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).
- OTI Annotation:** The insert of this clone has been fully sequenced and found to be a perfect match to NM_001008895.1.
- 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:	<u>NM_001008895.1, NP_001008895.1</u>
RefSeq Size:	3797 bp
RefSeq ORF:	2280 bp
Locus ID:	8451
UniProt ID:	<u>Q13619</u>
Cytogenetics:	13q34
Protein Pathways:	Nucleotide excision repair, Ubiquitin mediated proteolysis
Gene Summary:	<p>CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins (Liu et al., 2009 [PubMed 19481525]).[supplied by OMIM, Oct 2009]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>