

Product datasheet for SC321913

CYRIA (NM_030797) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CYRIA (NM_030797) Human Untagged Clone
Tag:	Tag Free
Symbol:	CYRIA
Synonyms:	CYRI-A; FAM49A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_030797.1
 CGGCGGAGCGGGCGGCGAGCAGGCGGGCGGCGACTCGCAGGGTACCACCATCTTAAGGA
 CAGAAAAGCTACAGGACTCTAGGAGGCCACCGTCCTGATTTGGGAAGTCCAACCTACTTT
 GGCCAGACAGCAGCTAAGCTGGTTCATCCATCAGCCTGGATTGGTGAACTGAATCACA
 GGAGATATTTCCAGGTTTCTGGGATGGGAAACCTGCTCAAAGTCTTACCAGGGAAATT
 GAAAACCTACCACTTTTCTGGATTTTAAAAATGCTCAGCCTACAGAAGGAGAGAGA
 GAAATCTGGAACAGATCAGCGCCGCTCCTCAGGATTCTGAGAGCATCCTTGACAGCCTG
 CAGGCTTACAAAGGCGCAGGCCAGAGATCCGAGATGCAATTCAAAATCCCAATGACATT
 CAGCTTCAAGAAAAGCTTGGAAATGCGGTGTGCCCTCTTGTGTGAGGCTAAAGAGATT
 TACGAGTTTTCCATTAGACTAGAAAAAGCTCTTCAGAGTTTATTGGAATCTCTGACTTGT
 CCACCCTACACACCAACCAACACCTGGAAAGGGAACAGGCCCTGGCAAAGGAGTTTGCC
 GAAATTTTACATTTTACCCTTCGATTTCGATGAGCTGAAGATGAGGAACCCGGCTATTCAG
 AATGACTTCAGCTACTACAGAAGAACAATCAGTCGCAACCCGCATCAACAACATGCACCTA
 GACATTGAGAATGAAGTCAATAATGAGATGGCCAATCGAATGTCCCTCTTCTATGCAGAA
 GCCACGCCAATGCTGAAAACCTTAGCAATGCCACAATGCACTTTGTCTCTGAAAACAAA
 ACTCTGCCAATAGAGAACACCACAGACTGCCTCAGCACAATGACAAGTGTCTGTAAGTC
 ATGCTGGAACCTCCGGAGTACAGAAGTAGGTTTACGAGTGAAGAGACCCTGATGTTCTGC
 TGCAAGACATCCAAGATCGATATGAAAAGGCTGCATAAAAGTTTTGAAGGAGCAGGCCCA
 GACAGTGTGGAGGGCTGCTAAATGCCCTCAGGTTCACTACAAAGCACTTGAACGATGAA
 TCAACTTCCAACAGATTCGAGCAATGCTTCAGTAGAGCTCTGCTCAAAGAAGAGGATCT
 ATGTGCTGACCTCAGAAGATGTATATGTTTACATAATTTAATACAGATTGATGTTAATAC
 TTGTGATTTTACATAACCGTTTCTTCTTGTCACTGAAATATATGGACCTTAATTTGTAT
 CCTGACTGACTCAACCCAGCAGAGCATAAATTGACTTGAGAGCCTTACCTTTGATGTCTG
 AAATGAAACCCCTTCTCCAAGGCAAAATTCGGAGACTTTGATCTTTGCTACTGGAGTC
 CTTTAACAACACCTATAACGATAAAAAATTCCTAATTGTTAAAAA
 AAAAAAAAAAAAAAAAAA



[View online »](#)

Restriction Sites:	Please inquire
ACCN:	NM_030797
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_030797.1</u> , <u>NP_110424.1</u>
RefSeq Size:	1513 bp
RefSeq ORF:	972 bp
Locus ID:	81553
UniProt ID:	<u>Q9H0Q0</u>
Cytogenetics:	2p24.2
Gene Summary:	May negatively regulate RAC1 signaling and RAC1-driven cytoskeletal remodeling (Probable). May regulate chemotaxis, cell migration and epithelial polarization by controlling the polarity, plasticity, duration and extent of protrusions (Probable).[UniProtKB/Swiss-Prot Function]