

Product datasheet for **SC209006**

CYRIB (NM_016623) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CYRIB (NM_016623) Human 3' UTR Clone
Symbol:	CYRIB
Synonyms:	BM-009; CYRI; CYRI-B; FAM49B; L1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016623
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC209006 3'UTR clone of NM_016623
The sequence shown below is from the reference sequence of NM_016623. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCAAGCAAATTAAATCCATGCTGCAATACAATTCTGGAATAAGCACCTGCTGTAGACAGAAGACAGT
ATTCTGCAATGACTGAGAATGCAGTTTTTTAGTGATTGCAATTACTATCTCATTTATTCTTGCTTTTAT
TTCTTTCTCTGTTCTCTTCCCTCTTTTTTAATCATGTTCTTAAGACTTCTTTTCTGTGCCAAATCA
GTAAAGTTACACTCTGAAGGGATATCATCTTTCAAACGGGCCATCTAAGGCAGCTAATTATGCATTGC
ATTGGGCTCTACTGAGAAAAATTCTGTGACTGAACTAAATATTTTTAAATGTGGATTTTTTTTGAA
ACTAATATTTAATATTGCTTCTCTGCATGGCAAACTGCCTATTCTGCTATTTAAAAACCTCAATGA
CTTTATTTTCTACTGCCGCTTTTTTCATGTGCAACCAAAATGAAAATGTTTAAATTAAGTGTGTGAC
AAATGGTACCCCAACAACTTTTTTAAATTAGTAATACTTTTGTAAAGTTTAAAGTTTGCATTTT
GACTTTTTTTGTAAGGATGTATGTTGTGTGTTTAACTTTATTAACCTTAAAGCTGTGATGTGT
GCGTAGAATATTACGTATGCATGTTCTATGTCTAAAGAATGGCTGTTGATGATAAAATAAAATCAGCTT
TCATTTTTCTAAGTGTGGCTTGGTTTACTGATGTTTTGTTTTAGGCTTCTGAAGTTTTCCCATGTAT
GTTTTTATGGAATGCATATATACATTACATGATTTTTTCTTTTAGGGGAGAGCCGGTCTTTTCAT
TAGAATTTTGATCATTGTCTATGATATACTTTAATTGCCTTTAAATTTTGCTAAGTATATTAAGAC
CAGTGATCTTTTCATTAAGTGGCTTTTATTCTTGATTACTCTGTATGGATGTAGTAATGGAAGGAA
AACCGCATCCTTGCTTGATTCTCATTTCCAGGGGAGCGGGTAGCAACATGAAGGCAGAGTAGCCCTTT
AATCATGGGAAGAGAGTGATTATAAGAGGACTTCCCAGGAGAAAAGCAGAGGCCATGATCTCACTAGT
GGTAGAAAACTAACAGGTTTCAGTTTAAAGATCATAAAACCTAAATCATGAAATCTAAATCTCATGGTTG
GAACAACTACTTAAAGTTGTCTAGTTCAACCATGCCAGTGTTTTAAATATTTAGGAATATCCGAGGT
ATAATACAATTAATGTTTAAACCATGGAAGAGAAATCACAGAGGCTTCCATCAGACCTTCTGGATTAA
TAGGGCCAGATCATGGCACACAGCTTCTCAAGATCACATCCCTGCTGATCTCTCTGGCCCTCTGAT
CACTGCTCCCCACTTCACACCTGTCTGCAGCCAGGCCCTACTGCTTGTCTTCAAAATTTGTTCCA
TGTGATGCACTTCCTTAGCTCTGGTCTGGCTGGTCCCTGAACCTGACATTCCCTTCTCCCTTGTGA
CCCTCTAATGAACGCCAATTTTCATCTTTGAAGGGTAGCTTCTATTACCTCCTTCATGAAGCCTTCTG
GATAACATTGGCCATATCCTTCTAGGCATCTTCTAAGAATAGTGAATAGGCTGAATAGTGCCCCAG
GAGATACATTCAGTGGGAATCTCCACGTGTGACATTATTTGGAAGGTTTTTGCAGATGAAATCAAGG
ACCTGGAATGAGATCAACCTGTAGTAGGTGGGCCCTAAATTCAATGACTAGCTCTTAGAAAAGAAGG
GGAAATAGACACACAGAGCTGAAGGCCATGGGAAGATGGAGGCAGAGATTAGAGCAATGCATCTATGAG
CCAAAGAACCCTAAGAATTGGAGGAAGTCACTAGAAGCTAGGAAAACAGGCATGTACAGATTCTCCCT
CAGAGTCTCGAGAAGGAACCAACCCTACCAATATCTTGATTTTCAAGATCTGGCCTCCAGGATTGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_016623.5](#)

Summary:	Negatively regulates RAC1 signaling and RAC1-driven cytoskeletal remodeling (PubMed:31285585, PubMed:30250061). Regulates chemotaxis, cell migration and epithelial polarization by controlling the polarity, plasticity, duration and extent of protrusions. Limits Rac1 mediated activation of the Scar/WAVE complex, focuses protrusion signals and regulates pseudopod complexity by inhibiting Scar/WAVE-induced actin polymerization (PubMed:30250061). Protects against Salmonella bacterial infection. Attenuates processes such as macropinocytosis, phagocytosis and cell migration and restrict sopE-mediated bacterial entry (PubMed:31285585). Restricts also infection mediated by Mycobacterium tuberculosis and Listeria monocytogenes (By similarity). Involved in the regulation of mitochondrial dynamics and oxidative stress (PubMed:29059164).[UniProtKB/Swiss-Prot Function]
Locus ID:	51571
MW:	77.2