

Product datasheet for **SC329100**

C9orf86 (RABL6) (NM_001173988) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9orf86 (RABL6) (NM_001173988) Human Untagged Clone
Tag:	Tag Free
Symbol:	C9orf86
Synonyms:	C9orf86; PARF; pp8875; RBEL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001173988, the custom clone sequence may differ by one or more nucleotides

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ATGTTTTCCGCCCTGAAGAAGCTGGTGGGGTCGGACCAGGCCCGGGCCGGGACAAGAAC
ATCCCCGCCGGGCTGCAGTCCATGAACCAGGCGTTGCAGAGGCGCTTCGCCAAGGGGGTG
CAGTACAACATGAAGATAGTGATCCGGGGAGACAGGAACCGGCAAGACAGCGTGTGG
CACCGCCTGCAGGGCCGGCCGTTCTGGAGGAGTACATCCCCACACAGGAGATCCAGGTC
ACCAGCATCCACTGGAGCTACAAGACCAGGATGACATCGTGAAGGTTGAAGTCTGGGAT
GTAGTAGACAAAAGAAAATGCAAAAAGCGAGGCGACGGCTTAAAGATGGAGAACGACCCC
CAGGAGGCGGAGTCTGAAATGGCCCTGGATGCTGAGTTCCTGGACGTGTACAAGAACTGC
AACGGGGTGGTCAATGATGTTTCGACATTACCAAGCAGTGGACCTTCAATTACATTCTCCGG
GAGCTTCCAAAAGTGCCACCCACGTGCCAGTGTGCGTGTGGGAACTACCGGGACATG
GGCGAGCACCGAGTCACTCTGCCGGACGACGTGCGTGACTTCATCGACAACCTGGACAGC
AGACCTCCAGGTTCTCTACTTCCGCTATGCTGAGTCTTCCATGAAGAACAGCTTCGGC
CTAAAGTACCTTCATAAGTTCTTCAATATCCCATTTTTGCAGCTTCAGAGGGAGACGCTG
TTGCGGCAGCTGGAGACGAACCAGCTGGACATGGACGCCACGCTGGAGGAGCTGTCGGTG
CAGCAGGAGACGGAGGACCAGAACTACGGCATCTTCTGGAGATGATGGAGGCTCCGACG
CGTGGCCATGCGTCCCCACTGGCGGCCAACGGGCAGAGCCATCCCCGGGCTCCCAGTCA
CCAGTGGTGCCTGCAGGCGCTGTGTCCACGGGGAGCTCCAGCCCCGGCACACCCAGCCC
GCCCCACAGCTGCCCCCTCAATGCCGCCCCACCATCCTCTGTGCCCCCTGTACCACCTCA
GAGGCCCTGCCCCACCTGCGTGCCCCCTCAGCCCCCGCCCCACGGGCGCAGCATCATCTCT
AGGCTGTTTGGGACGTCACTGCCACCGAGGCGAGCCCTCCACCTCCAGAGCCAGTCCC
GCCGCAGAGGGCCAGCAACGGTCCAGAGTGTGGAGGACTTTGTTCTGACGACCGCCTG
GACCGCAGCTTCTGGAAGACACAACCCCGCCAGGGACGAGAAGAAGGTGGGGCCCAAG
GCTGCCACAGCAGGACAGCGACAGTGTGGGAGGCCCTGGGCGCAACCCGATGGTGCA
GGTTCACAGGACGATGTGGACCTCGAAGACCAGCCACGTGGGAGTCCCCCGCTGCCTGCA
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CCCACAAAAGGCCCTGCCCCAGCTCCCCAGCAGTGTCTCAGAGCCAGAGACCAAGTGGTCC
TCCATACCAGCTTCGAAGCCACGGAGGGGGACAGCTCCCACGAGGACCGCAGCACCCCC
TGGCCAGGCGGTGCTCTGTTTCGCACAGGTCCGGAGAAGCGCAGCAGCACCCAGGCCCT
GCTGAGATGGAGCCGGGAAGGGTGAGCAGGCCTCCTCGTGGAGAGTGACCCCGAGGGA
CCCATTGTGCACAAATGCTGTCTTCGTATGGATGACCCCGACTTTGAGAGCGAGGGA
TCAGACACACAGCGCAGGCGGATGACTTTCCTGCGAGATGACCCCTCCGATGTGACT
GACGAGGATGAGGGCCCTGCCGAGCCGCCCCACCCCCAAGCTCCCTCTCCCCGCTTC
AGACTGAAGAATGACTCGGACCTCTTCGGGCTGGGGCTGGAGGAGGCCGGACCCAAGGAG
AGCAGTGAGGAAGGTAAGGAGGGCAAAACCCCTTAAGGAGAAGAAGAAGAAGAAGAAA
AAAGGCAAGAGGAAGAAGAAAAGCTGCCAAGAAGAAGAGCAACACAAGAAGAGCAAG
GACAAGGAGGAGGCAAGGAGGAGCGGCGACGGCGGCAGCAGCGGCCCGCCCGCAGCAGG
GAGAGGACGGCTGCCGATGAGCTGGAGGCTTCTGGGGGGCGGGGCCCGGGCGGCCGC
CACCTGGGGTGGCGACTACGAGGAGCTAG
    
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Restriction Sites: Please inquire

ACCN: NM_001173988

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_001173988.1, NP_001167459.1</u>
RefSeq Size:	3151 bp
RefSeq ORF:	2193 bp
Locus ID:	55684
UniProt ID:	<u>Q3YEC7</u>
Cytogenetics:	9q34.3
Gene Summary:	<p>This gene encodes a member of the Ras superfamily of small GTPases. The encoded protein binds to both GTP and GDP and may play a role in cell growth and survival. Overexpression of this gene may play a role in breast cancer tumorigenesis, and pseudogenes of this gene are located on the long arm of chromosome 2 and the short arm of chromosome 18. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]</p> <p>Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (3).</p>