

## Product datasheet for **SC319509**

### **RPIP8 (RUNDC3A) (NM\_006695) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	RPIP8 (RUNDC3A) (NM_006695) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPIP8
Synonyms:	RAP2IP; RPIP-8; RPIP8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_006695.3  
 ACGGGGCCCGGCTCAGCACCCCGGAGAGCTCCCTCCCGGCCTTGTTTTGCTCTGGCAT  
 CGCCGCCGGGGAGGGAGCGAGGGGGCCGGGCACCGGGCGCAAAGGCAGGGGGATGGCCA  
 TGGAAAGGTTGAGGGGCCCGTCCGGACAGAGGGCCAGCCGTGATCCAGCGACGGGTTTG  
 GGGCTCCGGGAGGGTGGGGGGCAGCGGGCGCGCAGCAGTGGCCGCACATCTGGATG  
 GAAGCGAGCTTTGTCCAGACCACCATGGCTCTGGGGCTGTCTCCAAGAAAGCGTCTCT  
 CGCAACGTGGCTGTGGAGCGTAAGAACCCTGATCACCGTGTGCAGGTTCTCTGTGAAAACG  
 CTGCTGGAGAAGTACACAGCGGAGCCCATCGATGACTCATCGGAGGAGTTTGTCAATTTT  
 GCAGCCATTTTAGAGCAGATCCTCAGCCACCGCTTCAAAGCCTGTGCCCCAGCAGGTCCA  
 GTGAGCTGGTTCAGCTCAGACGGGCAGCGGGGCTTTTGGGACTATATCCGGCTGGCCTGC  
 AGCAAAGTGCCCAACAAGTGTGTGAGCAGCATCGAGAACATGGAGAACATCAGCACAGCC  
 CGGGCCAAAGGGCCGGGCATGGATCCGGGTGGCACTGATGGAGAAGCGCATGTCAGAATAC  
 ATCACCACGGCTCTCGGTGACACCCGGACCACCAGACGGTTCTATGACTCTGGAGCCATC  
 ATGCTGCGGGATGAAGCCACCATCCTCACCGAATGCTGATCGGACTGAGCGCCATCGAC  
 TTCAGTTCTGTCTAAAGGGGAAGTCTTGACGGGAAGACCCCGTGGTTCATCGATTAC  
 ACGCCCTACCTAAAGTTCACGCAGAGCTACGACTACCTGACGGACGAGGAGGAGCGGCAC  
 AGCGCCGAGAGCAGCAGCAGCGAGGACAACCTCGCCGAGCACCCGTACCTCCCGCTCGTC  
 ACCGACGAGGACAGCTGGTACAGCAAGTGGCACAAGATGGAGCAGAAGTCCGCATCGTC  
 TACGCGCAGAAGGGCTACCTGGAGGAGCTGGTGCCTCTGCGCGAGTCGCAGCTGAAGGAC  
 CTGGAGGCGGAGAACC GGCGGCTTACAGTGCAGCTGGAGGAGGCGGCGCAGAACCCAG  
 CGCGAGAAACGGGAGCTGGAAGGCGTATCCTGGAGCTGCAGGAGCAGCTGACAGTCTG  
 ATCCCCAGTGACCACGCCCTCTGGCCAGGGTTCCAAGGAGCTCACTACACCCCTGGTC  
 AATCAATGGCCCTCACTGGGAACGCTTAATGGGGCCGAGGGCGCCAGCAACTCAAAGCTC  
 TACCGGAGACACAGCTTCATGAGCAGGAGCCGCTGTGAGCTGAAGCCAGTCTGAGCTCG  
 GACTCCCAGCGCCTGGGAGAGGGCACGCGGGACGAGGAGCCCTGGGGTCCCATCGGAAGC  
 TCAGAGCCAAATTAGTGCTCCCTTCGAGCGAATGCCAGGACTTCAACGCATGCACTTT  
 GTGTTGACCTCATCCCTGGCTTACCTTGGTTTTTCCCATCTAGTTCTCCCTATGCCTG  
 AATATCTGTCTTTTCTTTTATAAGCAACCACACTGTATTGGATGACCCTAGATCTTC  
 TTTGAGACAAGGCAGGCTGTGGCCATGTAGCCCCATCACACTGTGTTTGTATTGTCTGT  
 GTGTCTGTCTCCCCACCAGACTGTGAGCTCCATGAGGGCAGGGACCGTGTCTTGTCCGT  
 TCTCTGTATCCCAGTGCTTGGAAACAGAGCGAGTGCTCACTGTGTATTTAATAAATGGAC  
 AAAGAGAGAGGATGACCCTCAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_006695

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_006695.3</a> , <a href="#">NP_006686.1</a>
<b>RefSeq Size:</b>	1842 bp
<b>RefSeq ORF:</b>	1218 bp
<b>Locus ID:</b>	10900
<b>UniProt ID:</b>	<a href="#">Q59EK9</a>
<b>Cytogenetics:</b>	17q21.31
<b>Domains:</b>	RUN
<b>Gene Summary:</b>	May act as an effector of RAP2A in neuronal cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.