

## Product datasheet for **SC319176**

### **PACC1 (NM\_018252) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PACC1 (NM_018252) Human Untagged Clone
Tag:	Tag Free
Symbol:	PACC1
Synonyms:	ASOR; C1orf75; hPAC; hTMEM206; PAC; PAORAC; TMEM206
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\_018252.1  
 CTGGGACGCCCTCCGGACCGGTTTCGCCTCGCGGAGCCGGTAGGTCCAGGTGCAGCGGC  
 CGCAGTGTGCGTCCGTGCGCCGCGGGCTGGGGCGGTCTCAGGTGTGCCGAAGCTCTGGT  
 CAGTGCCATGATCCGGCAGGAGCGCTCCACATCTACCAGGAGCTGAGTGAGGAGTTGGT  
 CCAGGTGGTTGAGAACTCAGAGCTGGCAGACGAGCAGGACAAGGAGACGGTCAGAGTCCA  
 AGGTCGGGTATCTTACCAGGCCTGGACAGCGAGTCCGCCTCCAGCAGCATCCGCTTCAG  
 CAAGCCCTGCCTGAAGAACGTCTTCTCGGTCTACTCATCTTCATCTACCTGCTGCTCAT  
 GGCTGTGGCCGTCTTCTGGTCTACCGGACCATCACAGACTTTCGTGAGAACTCAAGCA  
 CCCTGTATGTCTGTGTCTTACAAGGAAGTGGATCGCTATGATGCCCCAGGTATTGCCTT  
 GTACCCCGGTGAGGCCAGTTGCTCAGCTGTAAGCACCATTACGAGGTCAATTCCTCCTCT  
 GACAAGCCCTGGCCAGCCGGGTGACATGAATTGCACCACCAGAGGATCAACTACACGGA  
 CCCCTTCTCCAATCAGACTGTGAAATCTGCCCTGATTGTCCAGGGGCCCGGGAAGTGAA  
 AAAGCGGAGCTGGTCTTCTCCAGTCCGCCTGAACAAGAGTAGTGAGGACTTCAGCGC  
 CATTGATTACCTCCTCTTCTTCTTCCAGGAGTTCCTGCAAAGCCAAACAGGGTAGG  
 CTTTCATGCAGGCCTGTGAGAGTGCCTATTCAGCTGGAAGTTCTCTGGGGCTTCCGCAC  
 CTGGGTCAAGATGTCACCTGGTAAAGACCAAGGAGGAGGATGGGCGGGAAGCAGTGGAGTT  
 CCGGCAGGAGACAAGTGTGGTTAACTACATTGACCAGAGGCCAGCTGCCAAAAAAGTGC  
 TCAATTGTTTTTGTGGTCTTTGAATGGAAAGATCCTTTCATCCAGAAAGTCCAAGATAT  
 AGTCACTGCCAATCCTTGGAACACAATTGCTCTTCTGTGGCGCCTTCTTGGCATTATT  
 TAAAGCAGCAGAGTTTGCCAAATGAGTATAAAATGGATGATCAAAATTAGAAAGAGATA  
 CCTTAAAAGAAGAGGTGAGGCAACGAGCCACATAAGCTGAAGTCACTCGCGTTGTTAG  
 AGAAGTGTCCACATCAATGGGAGCTGTCATCACTTCCACTTTGTAACGGAGCTATCAAC  
 AATCCTGTACTCACTTGAAGAAATGGGGCCTTGTGGGAGAACAGCATGTAAGACTGGA  
 ACTTCTAACCCCGTCCCAAAGAGCGGTGTAGAGCCTAATAGAAGAGACTAATGGATAA  
 ACCTACAAGTTATTTAAATATTTAAATTATTAATAAACTTTTTAAAGAGCTGGCCAAATGA  
 CTTTTGAATAGGGTTTGTAGAAGATGCCTTTCTTCTGTTTGGTTCATTGTATTGTATTA  
 GGTAAAGCTCTACTAGGGTAATGAAGGCTCTACTTTTCACTTTTTAAAGTGGACAAAAG  
 AGTGTGATTTTCTTTTCCAAAATTCCTGAGTATCAAGACGTGCAGGTCATGCTTTGGA  
 GCCTATGCACTGTACACAAAGGCAAAACCCTATGACTTTGGCATCATCTGCCATTGATGT  
 CCAGCCTCTGACATGCTCTTTGATTTGTTAAATGTTAAATGAGACTTTAAGGCTACTAGA  
 AACTAGTAATTAAGTTTCTTAATGGACTGAGTAGCCACCTACTTGTCCGGCTAGAATGTT  
 TGTGATGTATGAGTTTAGATTAACTCAAAAGCACTAGGACAGATGTACATAGAAGGT  
 GCCTACTCATTGTATTTTATGATTTTCATTAACAGGTAATAAAAGTTAATACAAAAGGA  
 AAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_018252

**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_018252.1</a> , <a href="#">NP_060722.1</a>
<b>RefSeq Size:</b>	2475 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	55248
<b>UniProt ID:</b>	<a href="#">Q9H813</a>
<b>Cytogenetics:</b>	1q32.3
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>Proton-activated chloride channel that mediates import of chloride ion in response to extracellular acidic pH (PubMed:31023925). Involved in acidosis-induced cell death by mediating chloride influx and subsequent cell swelling (PubMed:31023925).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the 5' CDS compared to variant 1. The resulting isoform (2) lacks an internal segment compared to isoform 1.</p>