

## Product datasheet for **SC307246**

### SCY1 like 3 (SCYL3) (NM\_181093) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SCY1 like 3 (SCYL3) (NM_181093) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCY1 like 3
Synonyms:	PACE-1; PACE1
Vector:	<u>pCMV6 series</u>



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_181093, the custom clone sequence may differ by one or more nucleotides

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ATGGGATCAGAGAACAGTGCTTTAAAGAGCTATACACTGAGAGAACCACCATTTACCTTA
CCCTCTGGACTTGCTGTTTATCCCGCTGTACTGCAAGATGGCAAATTTGCTTCAGTTTTT
GTGTATAAGAGAGAAAATGAAGACAAGGTTAATAAAGCTGCCAAGCATTTGAAGACACTT
CGTCACCCTTGCTTGCTAAGATTTTTATCTTGTACTGTGGAAGCGGATGGCATTATCCTT
GTCAGTACAGGAGTACAGCCCCGGAAGTGGCTTTGAAACATTGTCTTCTGCAGAGGTC
TGTGCTGGGATCTATGACATATTGCTGGCTTTATCTTCCTTCATGACAGAGGACACCTA
ACACACAATAATGTCTGTTTATCATCTGTGTTTGTGAGTGAAGATGGACTGGAAGCTA
GGAGGAATGGAACTGTTTGTAAAGTTTCTCAGGCCACACCAGAGTTTCTGAGGAGTATT
CAGTCAATAAGAGACCCAGCATCTATCCCTCCTGAAGAGATGTCTCCAGAATTCACAACT
CTCCCAGAGTGCATGGACATGCCCGGGATGCCTTTTCATTTGAAACATTGGTGGAAAGT
TTGCTCACAATCTTAAATGAACAGGTTTTCAGCGGATGTTCTCTCCAGCTTCAACAGACC
TTGCACTCAACTTTGCTGAATCCATTCCAAAATGTCGGCCAGCGCTCTGCACCTTACTA
TCTCATGACTTCTCAGAAATGATTTTTCTGGAAGTTGTGAATTTCTTGAAAAGTTTAAACA
TTGAAGAGTGAAGAGGAGAAAACGGAATCTTTAAATTTCTGCTGGACAGAGTCAGCTGC
TTGTCAGAGGAATTGATAGCTTCAAGGTTGGTGCCTCTTCTGCTTAATCAGTTGGTGTTT
GCAGAGCCAGTGGCTGTTAAGAGTTTTCTTCTTATCTGCTTGGCCCCAAAAAGATCAT
GCGCAGGGAGAAACTCCTTGCTTGTCTCTACCAGCCCTGTTCCAGTACAGGGTGATCCCC
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GTTTTGCTGGGCTGCGTGATACTAGCGATTCCATTGTGGCAATTACTCTGCATAGCCTA
GCAGTGTGGTCTCTCTGCTTGGACCAGAGGTGGTTGTGGGAGGAGAACGAACCAAGAT
TTCAAACGCACTGCCCAAGTTTTACTAAAAAATACTGACCTTTCTCTAGAAGATTCTCCT
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AGCATATTCCTAAATGTTTCTTTTCTGGCAGCACGCCATCAACAGCAAGAAGCACATA
CAGCGAGATTACTACAATACTCTTTTACAGACAGGCGATCCATTTTCTCAGCCTATTAAA
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TCAAGTTCTAAAAAGTCTGAGGAGTGGCCTGACTGGAGTGAACCTGAGGAGCCTGAAAAT
CAAAGTCAACATACAGATTTGGCCTAGAGAACCTTGTGATGATGTCAAGTCCCAGTGC
ACTACCTTGATGTGGAAGAGTCATCTTGGGATGACTGCGAGCCAGCAGCTTAGATACT
AAAGTAAACCCAGGAGGTGGAATCACTGTACAAAACCTGTTACCTCAGGGGAGCAGAAG
CCTATTCTGCTTTGCTTCACTCACTGAAGAGTCTATGCCTTGAAATCAAGCTTACCC
CAAAAGATTAGCCTTGTACAAAGGGGGATGACGCAGACCAAAATCGAGCCGCCAAAAGTG
TCATCACAAAGAAAGGCCCTTAAGGTTCCATCAGAACTTGGTTTGGGAGAGGAATTCACC
ATTCAGTAAAAAAGAAGCCAGTAAAAGATCCTGAGATGGATTGGTTTGTCTGATATGATC
CCAGAAATTAAGCCTTCTGCTGCTTTTCTATATTACCTGAACTGAGGACAGAAATGGTC
CCAAAAAAGGATGATGTCTCCCCAGTGTGCAGTTTTCTCAAATTTGCTGCAGCAGAA
ATTACTGAGGGAGAGGCTGAAGGCTGGGAAGAAGAAGGGGAGCTGAACTGGGAAGATAAT
AACTGGTGA
    
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**Restriction Sites:** Please inquire

**ACCN:** NM\_181093

**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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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>	<u><a href="#">NM_181093.1</a></u> , <u><a href="#">NP_851607.1</a></u>
<b>RefSeq Size:</b>	2794 bp
<b>RefSeq ORF:</b>	2229 bp
<b>Locus ID:</b>	57147
<b>UniProt ID:</b>	<u><a href="#">Q8IZE3</a></u>
<b>Cytogenetics:</b>	1q24.2
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Gene Summary:</b>	<p>This gene encodes a protein with a kinase domain and four HEAT repeats. The encoded protein interacts with the C-terminal domain of ezrin, an ERM protein, and may play a role in cell adhesion and migration. Alternative splicing results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Jun 2012]</p> <p>Transcript Variant: This variant (2) contains an alternate in-frame exon in the 3' coding region compared to variant 1. It encodes isoform 2, which is longer than isoform 1.</p>