

Product datasheet for **SC113079**

SCY1 like 3 (SCYL3) (NM_020423) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCY1 like 3 (SCYL3) (NM_020423) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCY1 like 3
Synonyms:	PACE-1; PACE1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene ORF sequence for NM_020423 edited
ATGGGATCAGAGAACAGTGCTTTAAAGAGCTATACACTGAGAGAACCACCATTTACCTTA
CCCTCTGGACTTGCTGTTTATCCCGCTGTACTGCAAGATGGCAAATTTGCTTCAGTTTTT
GTGTATAAGAGAGAAAATGAAGACAAGGTTAATAAAGCTGCCAAGCATTGGAAGACACTT
CGTCACCCCTTGCTTGCTAAGATTTTTATCTTGTACTGTGGAAGCGGATGGCATTTCATCTT
GTCACTGAGCGAGTACAGCCCTGGAAGTGGCTTTGAAAACATTGTCTTCTGCAGAGGTC
TGTGCTGGGATCTATGACATATTGCTGGCTTTATCTTCCCTTCATGACAGAGGACACCTA
ACACACAATAATGTCTGTTTATCATCTGTGTTTGTGAGTGAAGATGGACACTGGAAGCTA
GGAGGAATGGAACCTGTTTGTAAAGTTTCTCAGGCCACACCAGAGTTTCTGAGGAGTATT
CAGTCAATAAGAGACCCAGCATCTATCCCTCCTGAAGAGATGTCTCCAGAATTCACAAC
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TTGCACTCAACTTTGCTGAATCCATTCCAAAATGTCGGCCAGCGCTCTGCACCTTACTA
TCTCATGACTTCTCAGAAATGATTTTCTGGAAGTTGTGAATTTCTTAAAAAGTTTAAACA
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CCTCCCCAGTGCCTCTCCTGGCCT
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020423 unedited
 CGACTCACTATAGGGCGGCCGCGAATTCGGCACGAAGTGGTGGCCACAGCCTTACAGGC
 AGGCAGGGGTGGTTGGTGTCAACAGGGGGCCACAGGGTACCAGAGCCAAGACCCTCG
 CCTCCTCCCCCGCCCTTCTGCGATCTGCTTGGCTTTGAGGAAGAGTGGCAGTACTG
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 GCTTCNACAGACCCTGTCACTACTTTGCTTGATCCCATTCCAAATGTCNGCCANCGCTC
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 AAGTAACACTTGAAGGAGAGGAGAAACGGCATCTTAACTCTGCCAGGGAAAACCTGG
 TTGCTTCAACCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020423 unedited
 GCGGCACGCAATCTAGTATCGAGTTTTTTTTTTTTTTTTTTAGTAAAAAATCTTTATTT
 GACATTTAGAGAACAGGATTGTGGGAATATTCTTATTAAGAAGTTTGGTACAATGACT
 ACATGTGGAACAGTCAGGAACTGCCTAGGTCCACAAAGAACCATTTACTCAGATAGTCTA
 ACTGTAACAAATAAATAAGCTGCCTAAGGAACTCAGCAATTTAAAATCATTTATATA
 ATTTATAGCTAAAATTTTTAAAGTTGTATTTCAATAGAGCTTACTCTTATGTTAAAG
 AAAAGAATGGCACAAAATTAAGCTAACCAGCTTGAATTACATTTTCTTTACTTCCGGAAT
 TGTCTTGGAAAAAGCAGTAAATTCGACCTCTCCTCAGTACTTGTCTTTCATAGAAACTG
 CCCTCAGTCAAATGCACAAAGGCTTTCCTCCTGGAACCCAGTACTGTGAGCCTCACCAC
 CCAGGGCTTTTAGCCAGCACTCACAGTCACTCCTACTTCAGTTGGCACAGACTGGATA
 ATGAGCTCCTGGGATGGGAAAAGCAGGCCACTTTGGGGTTTTCTGTCCCAAAGCCTGCT
 TTTGAGGTATTGATTTTTTTTTAAAAAAGGGAATCCTTTTTTCTAAAGTTTAACTCACAT
 CTATTGTCACCAGTTATTATCTTCCAGTTCAGCTCCCCTTCTTCTTCCAGCCTTCAGC
 CTCTCCCTCAGTAATTTCTGCTGCAGCAAATTTGAGGAAAAGTGCATCACTGGGGAGAC
 ATCATCTTTTTTAGAGACCATTTCTGCTCCTCAGNTCAGGTATATAAGATAAGCAGCAGA
 AGGCTTAATTTCTGGATCTATCAGCAAACCATCCTCTCAGATCTTACTGGCTTTTTNTT
 ATTGATGGGATTCTCTTAACCAAGTTCGATGAACCTAAGAGCTTTTTGTGAGAACTTTT
 GCGTCGATGG

Restriction Sites:

NotI-NotI

ACCN:

NM_020423

Insert Size:

2800 bp

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).

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:

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: [NM_020423.4](#), [NP_065156.4](#)

RefSeq Size: 2874 bp

RefSeq ORF: 2067 bp

Locus ID: 57147

UniProt ID: [Q8IZE3](#)

Cytogenetics: 1q24.2

Domains: S_TKc

Protein Families: Druggable Genome, Protein Kinase

Gene Summary: 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]
Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter isoform (1).