

## Product datasheet for SC113782

### SCYL2 (NM\_017988) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SCYL2 (NM_017988) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCYL2
Synonyms:	AMC4; AMCNACC; CVAK104
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113782 sequence for NM_017988 edited (data generated by NextGen Sequencing)

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ATGGAGTCCATGCTTAATAAATTGAAGAGTACTGTTACAAAAGTAACAGCTGATGCTCACT
AGTGCTGTAATGGGAAATCCTGTCACTAGAGAATTTGATGTTGGTCGACACATTGCCAGT
GGTGGCAATGGGCTAGCTTGGAAGATTTTTAATGGCACAAAAAAGTCAACAAAGCAGGAA
GTGGCAGTTTTGTCTTTGATAAAAACTGATTGACAAGTATCAAAAATTTGAAAAGGAT
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CTTCTTACTGTCCAGCATCCTTTAGAAGAATCCAGGGATTGCTTGGCATTGTTGTACAGAA
CCAGTTTTGGCCAGTTTAGCCAATGTTCTTGGTAACTGGGAAAACTACCTTCCCCTATA
TCTCCAGACATTAAGGATTATAAACTTTATGATGTAGAAACCAATATGGTTTGCTTCAG
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TCCCTTGGCGTTTCGTGTAATTCATTAGTGTGCTTAGGAAAGATTTTGAATACTTGGAT  
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 AGCAATGATTTAAAAGATCTTTTTGGGTGA

Clone variation with respect to NM\_017988.4  
 1180 c>y

**5' Read Nucleotide  
 Sequence:**

>OriGene 5' read for NM\_017988 unedited  
 CTATAGGGGCGGCCGCGATTTCGGCAGCAGGCCCCCTCCCACCCCTTCTCTAGCTCCG  
 ACGTTTTCGGCCCGGGGGCGGGGAGGATATGGAGTAAAGCCAGAGTCAGTGGCCAGGC  
 ACGAAGGCAGAGCAGGAACAGCCAGGAGCGTTTATTAGGGGGCGGGGGAAAGAGCCC  
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 TGAAAATATATTTGAATANAGTGGAGCCTGAANATAATGGGGTTTTGATTTTGTGTATC  
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 GGGTCTCCAA



**Gene Summary:**

The protein encoded by this gene associates with clathrin-coated complexes at the plasma membrane and with endocytic coated vesicles. The encoded protein phosphorylates the beta2 subunit of the plasma membrane adapter complex AP2 and interacts with clathrin, showing involvement in clathrin-dependent pathways between the trans-Golgi network and the endosomal system. In addition, this protein has a role in the Wnt signaling pathway by targeting frizzled 5 (Fzd5) for lysosomal degradation. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Dec 2015]

Transcript Variant: This variant (1) encodes isoform 1. Both variants 1 and 2 encode the same protein.