

## Product datasheet for **RC209051L2V**

### SCYL2 (NM\_017988) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SCYL2 (NM_017988) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCYL2
Synonyms:	AMC4; AMCNACC; CVAK104
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_017988
ORF Size:	2787 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209051).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_017988.4</a>
RefSeq Size:	3818 bp
RefSeq ORF:	2790 bp
Locus ID:	55681
UniProt ID:	<a href="#">Q6P3W7</a>
Cytogenetics:	12q23.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	103.5 kDa



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**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]