

Product datasheet for **RC209642L4V**

SCYL1 (NM_020680) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SCYL1 (NM_020680) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SCYL1
Synonyms:	GKLP; HT019; NKTL; NTKL; P105; SCAR21; TAPK; TEIF; TRAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020680
ORF Size:	2424 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209642).
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. More info
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:	NM_020680.3
RefSeq Size:	2667 bp
RefSeq ORF:	2427 bp
Locus ID:	57410
UniProt ID:	Q96KG9
Cytogenetics:	11q13.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	89.5 kDa



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Gene Summary:

This gene encodes a transcriptional regulator belonging to the SCY1-like family of kinase-like proteins. The protein has a divergent N-terminal kinase domain that is thought to be catalytically inactive, and can bind specific DNA sequences through its C-terminal domain. It activates transcription of the telomerase reverse transcriptase and DNA polymerase beta genes. The protein has been localized to the nucleus, and also to the cytoplasm and centrosomes during mitosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]