

Product datasheet for **RC219087L1V**

STK16 (NM_001008910) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STK16 (NM_001008910) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STK16
Synonyms:	hPSK; KRCT; MPSK; PKL12; PSK; TSF1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001008910
ORF Size:	915 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219087).
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_001008910.1
RefSeq Size:	2903 bp
RefSeq ORF:	918 bp
Locus ID:	8576
UniProt ID:	O75716
Cytogenetics:	2q35
Protein Families:	Druggable Genome, Protein Kinase
MW:	34.7 kDa



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Gene Summary:

Membrane-associated protein kinase that phosphorylates on serine and threonine residues. In vitro substrates include DRG1, ENO1 and EIF4EBP1. Also autophosphorylates. May be involved in secretory vesicle trafficking or intracellular signaling. May have a role in regulating stromal-epithelial interactions that occur during ductal morphogenesis in the mammary gland. May be involved in TGF-beta signaling. Able to autophosphorylate on Tyr residue; it is however unclear whether it has tyrosine-protein kinase toward other proteins.
[UniProtKB/Swiss-Prot Function]