

Product datasheet for **RC220604L4V**

Protein kinase like protein SgK493 (PKDCC) (NM_138370) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Protein kinase like protein SgK493 (PKDCC) (NM_138370) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Protein kinase like protein SgK493
Synonyms:	RLSDF; SGK493; Vlk
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_138370
ORF Size:	882 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220604).
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_138370.1 , NP_612379.1
RefSeq Size:	2517 bp
RefSeq ORF:	1482 bp
Locus ID:	91461
UniProt ID:	Q504Y2
Cytogenetics:	2p21
Protein Families:	Druggable Genome, Protein Kinase



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MW: 33.3 kDa

Gene Summary: Secreted tyrosine-protein kinase that mediates phosphorylation of extracellular proteins and endogenous proteins in the secretory pathway, which is essential for patterning at organogenesis stages. Mediates phosphorylation of MMP1, MMP13, MMP14, MMP19 and ERP29 (PubMed:25171405). Probably plays a role in platelets: rapidly and quantitatively secreted from platelets in response to stimulation of platelet degranulation (PubMed:25171405). May also have serine/threonine protein kinase activity. Required for longitudinal bone growth through regulation of chondrocyte differentiation. May be indirectly involved in protein transport from the Golgi apparatus to the plasma membrane (By similarity).[UniProtKB/Swiss-Prot Function]