

Product datasheet for **RC220755L3V**

WNK3 (NM_001002838) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	WNK3 (NM_001002838) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WNK3
Synonyms:	PRKWNK3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001002838
ORF Size:	5229 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220755).
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_001002838.1
RefSeq Size:	7572 bp
RefSeq ORF:	5232 bp
Locus ID:	65267
UniProt ID:	Q9BYP7
Cytogenetics:	Xp11.22
Protein Families:	Druggable Genome, Protein Kinase
MW:	191.6 kDa



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Gene Summary:

This gene encodes a protein belonging to the 'with no lysine' family of serine-threonine protein kinases. These family members lack the catalytic lysine in subdomain II, and instead have a conserved lysine in subdomain I. This family member functions as a positive regulator of the transcellular Ca²⁺ transport pathway, and it plays a role in the increase of cell survival in a caspase-3-dependent pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]