

Product datasheet for **RC229915L4V**

KIST (UHKM1) (NM_144624) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KIST (UHKM1) (NM_144624) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KIST
Synonyms:	KIS; KIST; P-CIP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144624
ORF Size:	1032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229915).
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_144624.2 , NP_653225.2
RefSeq ORF:	1035 bp
Locus ID:	127933
UniProt ID:	Q8TAS1
Cytogenetics:	1q23.3
Domains:	pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase
MW:	38.6 kDa



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Gene Summary:

The gene encodes a serine/threonine protein kinase that promotes cell cycle progression through G1 by phosphorylation of the cyclin-dependent kinase inhibitor 1B (p27Kip1), which causes nuclear export and degradation. The encoded protein is also thought to function in the adult nervous system and the gene has been associated with schizophrenia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]