

Product datasheet for RC229915L3V

OriGene Technologies, Inc.

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KIST (UHMK1) (NM_144624) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: KIST (UHMK1) (NM 144624) Human Tagged ORF Clone Lentiviral Particle

Symbol: KIST

Synonyms: KIS; KIST; P-CIP2

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag:Myc-DDKACCN: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.

RefSeg: NM 144624.2, NP 653225.2

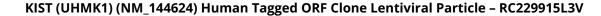
RefSeq ORF: 1035 bp
Locus ID: 127933
UniProt ID: Q8TAS1
Cytogenetics: 1q23.3

Domains: pkinase, TyrKc, S_TKc

Protein Families: Druggable Genome, Protein Kinase

MW: 38.6 kDa







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]