

Product datasheet for RC230293L3V

OriGene Technologies, Inc.

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PCTAIRE1 (CDK16) (NM_001170460) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: PCTAIRE1 (CDK16) (NM_001170460) Human Tagged ORF Clone Lentiviral Particle

Symbol: PCTAIRE1

Synonyms: PCTAIRE; PCTAIRE1; PCTGAIRE; PCTK1

Mammalian Cell

Selection:

Puromycin

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

Tag: Myc-DDK

ACCN: NM_001170460

ORF Size: 1710 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC230293).

Sequence:

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 001170460.1, NP 001163931.1

 RefSeq ORF:
 1713 bp

 Locus ID:
 5127

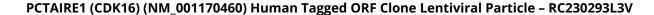
UniProt ID: Q00536

Cytogenetics: Xp11.3

Protein Families: Druggable Genome, Protein Kinase

MW: 63.9 kDa







Gene Summary:

The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells; in exocytosis; and in transport of secretory cargo from the endoplasmic reticulum. This gene is thought to escape X inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2009]