

Product datasheet for RC222767L2V

OriGene Technologies, Inc.

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MCK10 (DDR1) (NM_013993) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: MCK10 (DDR1) (NM_013993) Human Tagged ORF Clone Lentiviral Particle

Symbol: MCK10

Synonyms: CAK; CD167; DDR; EDDR1; HGK2; MCK10; NEP; NTRK4; PTK3; PTK3A; RTK6; TRKE

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_013993 **ORF Size:** 2739 bp

ORF Nucleotide

- - - -

Sequence:

The ORF insert of this clone is exactly the same as(RC222767).

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

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 013993.2, NP 054699.2

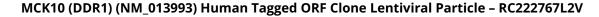
RefSeq Size: 3877 bp
RefSeq ORF: 2742 bp
Locus ID: 780
UniProt ID: Q08345

Cytogenetics: 6p21.33

Domains: F5_F8_type_C, pkinase, TyrKc, S_TKc

Protein Families: Druggable Genome, Protein Kinase, Transmembrane





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MW: 100.9 kDa

Gene Summary: Receptor tyrosine kinases play a key role in the communication of cells with their

microenvironment. These kinases are involved in the regulation of cell growth, differentiation and metabolism. The protein encoded by this gene belongs to a subfamily of tyrosine kinase receptors with homology to Dictyostelium discoideum protein discoidin I in their extracellular domain, and that are activated by various types of collagen. Expression of this protein is restricted to epithelial cells, particularly in the kidney, lung, gastrointestinal tract, and brain. In addition, it has been shown to be significantly overexpressed in several human tumors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Feb 2011]