

Product datasheet for RC214249L3

OriGene Technologies, Inc.

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CCRK (CDK20) (NM 001039803) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CCRK (CDK20) (NM_001039803) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CCRK

Synonyms: CCRK; CDCH; P42; PNQALRE

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC214249).

Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu I

----GCG ATC GCC ATG ---//--- NNN ACG CGT ---



st The last codon before the Stop codon of the ORF.

ACCN: NM_001039803

ORF Size: 1038 bp





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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001039803.1</u>

 RefSeq Size:
 2368 bp

 RefSeq ORF:
 1041 bp

 Locus ID:
 23552

 UniProt ID:
 Q8IZL9

 Cytogenetics:
 9q22.1

Protein Families: Druggable Genome, Protein Kinase

MW: 38.5 kDa

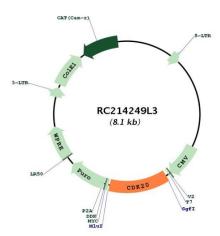
Gene Summary: The protein encoded by this gene contains a kinase domain most closely related to the cyclin-

dependent protein kinases. The encoded kinase may activate cyclin-dependent kinase 2 and is involved in cell growth. Alternatively spliced transcript variants encoding distinct isoforms

have been reported. [provided by RefSeq, Dec 2009]



Product images:



Circular map for RC214249L3