

Product datasheet for **RC239410**

CNKSR1 (NM_001297647) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNKSR1 (NM_001297647) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CNKSR1
Synonyms:	CNK; CNK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC239410 representing NM_001297647
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAACCGGTAGAGACCTGGACCCCGGAAAGGTGGCAACTTGGCTGAGAGGTCTTGACGACTCCCTGC
 AGGACTATCCCTTTGAGGACTGGCAGCTGCCTGGCAAGAACCTGCTCCAGCTCTGCCCCAAAGCCTCGA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
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Protein Sequence: >RC239410 representing NM_001297647
 Red=Cloning site Green=Tags(s)

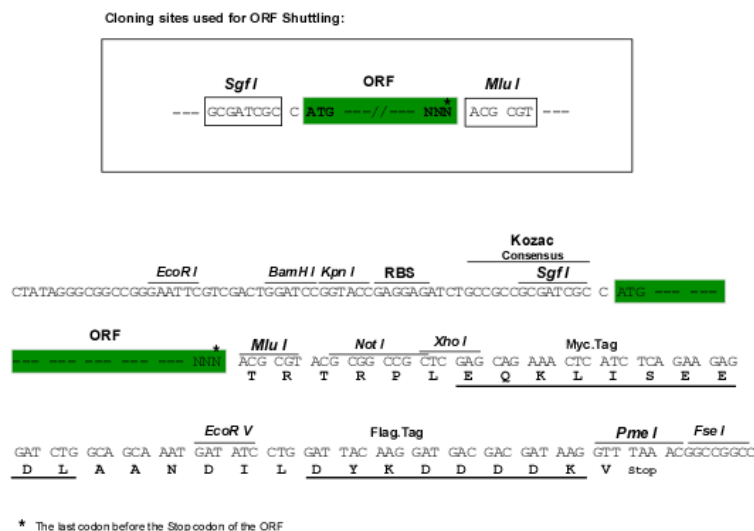
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 EEHSHLCPLTSESSLRPDDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001297647

ORF Size: 2160 bp

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001297647.2](#)

RefSeq Size: 2585 bp

RefSeq ORF: 2163 bp

Locus ID: 10256

UniProt ID: [Q969H4](#)

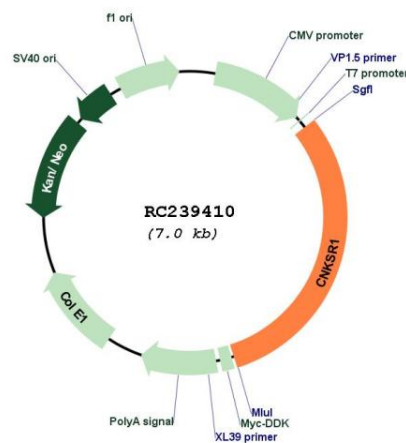
Cytogenetics: 1p36.11

Protein Families: Druggable Genome

MW: 80.2 kDa

Gene Summary: This gene encodes a protein containing several motifs involved in protein-protein interaction, including PDZ, PH (Pleckstrin homology), and SAM (sterile alpha motif) domains. The encoded protein acts as a scaffold component for receptor tyrosine kinase signaling and may mediate crosstalk between different signaling pathways. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Product images:



Circular map for RC239410