

Product datasheet for **SC303768**

CNKSR1 (NM_006314) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNKSR1 (NM_006314) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNKSR1
Synonyms:	CNK; CNK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC303768 representing NM_006314.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGAACCGGTAGAGACCTGGACCCCGGAAAGGTGGCAACTTGGCTGAGAGGTCTTGACGACTCCCTG
CAGGACTATCCCTTTGAGGACTGGCAGCTGCCTGGCAAGAACCTGCTCCAGCTCTGCCCCAAAGCCTC
GAGGCTCTGGCTGTGCGGTCTCTGGGACACAGGAGCTCATCCTGGGCGGGGTGGAACAGCTCCAGGCC
CTGAGCTCCAGGCTACAGACAGAGAACCTGCAAGCCTGACAGAGGGACTTCTGGGGCAACCCATGAC
TTCCAGAGCATAGTCCAAGGCTGCCTGGGGGACTGTGCCAAGACCCCTATTGATGTCTCTGTGCAGCT
GTGGAGCTGTTGCATGAAGCTGACGCCCTCCTCTTCTGGCTCAGCAGGTACCTCTTCTCCCACTTAAAT
GATTTCTCAGCATGCCAGGAGATCCGAGACTTGTGGAGGAGCTGAGCCAGGTCTTGCATGAGGATGGT
CCAGCGGCTGAGAAGGAGGGCACAGTCTGAGGATCTGCAGCCACGTGGCTGGGATCTGCCACAACATC
CTGGTCTGCTGCCCAAGGAGCTGCTGGAACAGAAGGCCGTGCTCGAGCAGGTGCAGCTGGACAGTCCA
TTGGGCCCTAGAAATTCACACCACAGCAATTGCCAGCACTTTGTGTCCCAAGTGACACCCAGGTTCCC
ACTGACTCCCGACTGCAGATCCAGCCTGGAGACGAGGTTGTCCAGATCAACGAGCAGGTGGTGGTGGGA
TGGCCCCGTAAGAACATGGTGAAGGAAGTGTGCGGGAGCCAGCCGACTCAGCTTAGTGCTGAAGAAG
ATCCCGATACCGGAGACCCCCACAGACGCCCCCTCAGGTCTGGACTCCCGCACCAGAGGAGCCCA
TCACTGTCTCTGGCCCCACTGTCTCCAGGGCCCCATCTGAAGACGTCTTTGCCTTTGACCTGTCTTCA
AACCCAGTCCCGGAGCCAGCCCTGCCTGGACAGACTCTGCCTCCCTTGGCCCTGAGCCCTGCCATC
CCCCGGAACCCAGCCATACTCCAGCAGGGGTAGCAGGGACTCCAGGGCTCCCTGAATCCCTGAC
AAGAGTCTGTTGGTGGGAAGAAATCAAAGGCCCTGGCGACCCGGCTGAGCCGCCGGCGGTGTCATGC
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CGCGCTGGCGCCGCGCTGGTTTGTGCTCAAGGGACACACGCTCTACTGGTACCAGCCAGCCAGGAT
GAGAAGGCTGAGGGCTCATCAATGTCTCCAATATAGTCTGGAAGTGACATGATCAGAAGAAGAAA
TATGTGTTTCAGCTACCCATGATGTGTACAAACCTTCTCTCGCTGCTGATACCCTGACAGATCTG
AGCATGTGGGTGCGTCATCTATTACCTGCATCTCAAGTACCAGTCTCCAGGCCGGGCCCCCCCCACCC
CGAGAGGAAGACTGCTACAGTGAGACCGAAGCAGAGGACCCGACGATGAGGCTGGGTCCCACTCAGCC
TCGCCCAGCCCTGCTCAAGCTGGGAGTCCCTCCATGGAGACACATCACCTGCAGCCACCCACACAG
CGCAGCCACGGACCTCCTTTGGCTCTCTGACAGACAGCAGTGAAGAGGCACTGGAAGGAATGGTACGG
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TCTTTCATGCGGCGCAACCGAGACCCCTCAGTCAATGAGCGAGTGACCCGTGTGCGGGCGCTACAGAGC
ACACTCAAGGCAAGCTGCAGGAGCTGCAGGTCCTAGAAGAAGTGTGGGTGACCTGAGCTGACAGGA
GAGAAGTTCGCCAGTGAAGGAGCAGAACCGGGAGCTGTACTCAGAGGGCTGGGGGCTGGGGAGTG
GCACAGGCTGAAGGCAGTCCCACATCTTGACCTCTGACTCCACAGAACAGTCCCCCACTCCCTGCCC
TCTGACCTGAAGAGCACTCCCATCTCTGCCCCCTGACCTCAGAGAGCAGCCTCCGACCTCCTGACCTC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI
ACCN: NM_006314
Insert Size: 2142 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_006314.2
RefSeq Size:	2564 bp
RefSeq ORF:	2142 bp
Locus ID:	10256
UniProt ID:	Q969H4
Cytogenetics:	1p36.11
Protein Families:	Druggable Genome
MW:	78.8 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] Transcript Variant: This variant (1) encodes isoform 1.