

Product datasheet for SC336225

CNKSRI (NM_001297648) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNKSRI (NM_001297648) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNKSRI
Synonyms:	CNK; CNK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336225 representing NM_001297648. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGTGAGGGAAGTCTGCGGGAGCCAGCCGACTCAGCTTAGTGCTGAAGAAGATCCCGATACCGGAG
 ACCCCCCACAGACGCCCTCAGGTCTGGACTCCCGCACCAGAGGAGCCCATCACTGTCTCTGGCC
 CCACTGTCTCCAGGGCCCCATCTGAAGACGTCTTGCCTTTGACCTGTCTTCAAACCCAGTCCCGGA
 CCCAGCCCTGCCTGGACAGACTTGCTCCCTTGCCCTGAGCCCTGCCATCCCCCGGAACCCCA
 GCCATACTCCAGCAGGGGTAGCAGGGACTCCAGGGCTCCCTGAATCCCTGACAAGAGTCTGTTGGT
 CGGAAGAAATCAAAGGCTGGCGACCCGGCTGAGCCCGCGCGGGTGTATGCCGTGAGCTGGGCCGG
 CCGGACTGTGACGGCTGGCTCCTGTTGCGAAAGGCACCGGGCGGCTTCATGGGCCCGCGTGGCGCCGC
 CGCTGTTTGTGCTCAAGGGACACAGCTCTACTGGTACCGCCAGCCCCAGGATGAGAAGGCTGAGGGC
 CTCATCAATGTCTCAACTATAGTCTGGAAGTGGACATGATCAGAAGAAGAAATATGTGTTTACGCTC
 ACCCATGATGTGTACAAACCTTCATCTTCGCTGCTGATACCTGACAGATCTGAGCATGTGGGTGCGT
 CATCTCATTACCTGCATCTCAAGTACCAGTCTCCAGGCCGGGCCCCCACCAGAGAGAACTGC
 TACAGTGAGACCGAAGCAGAGGACCCGGACGATGAGGCTGGGTCCCACTCAGCCTCGCCAGCCCTGCT
 CAAGCTGGGAGTCCCCTCCATGGAGACATCACCTGCAGCCACCCACACAGCGCAGCCACGGACC
 TCCTTTGGCTCTCTGACAGACAGCAGTGAAGAGCACTGGAAGGAATGGTACGGGGCTGAGCAGGGT
 GGCGTGTCCCTCCTAGGCCAGCCACAGCCCTGACCCAGGAACAGTGGCGGAGCTCTTTCATGCGGCGC
 AACCGAGACCCCTCAGCTCAATGAGCGAGTGACCGTGTGCGGGCGCTACAGAGCACACTAAGGCAAG
 CTGCAGGAGCTGCAGGTCTAGAAGAAGTGTGGGTGACCCTGAGCTGACAGGAGAGAAGTTCGCCAG
 TGAAGGAGCAGAACCGGGAGCTGTACTCAGAGGGCTGGGGCTGGGAGTGGCACAGGCTGAAGGC
 AGCTCCACATCTTGACCTCTGACTCCACAGAACAGTCCCCCACTCCCTGCCCTCTGACCTGAAGAG
 CACTCCCATCTTGCCCCCTGACCTCAGAGAGCAGCCTCCGACCTCTGACCT**TGA**
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001297648
Insert Size:	1368 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001297648.1</u>
RefSeq Size:	2559 bp
RefSeq ORF:	1368 bp
Locus ID:	10256
UniProt ID:	<u>Q969H4</u>
Cytogenetics:	1p36.11
Protein Families:	Druggable Genome
MW:	50.2 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] Transcript Variant: This variant (4) uses an alternate splice site in the 5' region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus than isoform 1.