

Product datasheet for **SC337304**

CNKS1 (NM_001297647) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNKS1 (NM_001297647) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNKS1
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: >NCBI ORF sequence for NM_001297647, the custom clone sequence may differ by one or more nucleotides

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ATGGAACCGGTAGAGACCTGGACCCCGAAAGGTGGCAACTGGCTGAGAGGTCTTGACGACTCCCTGC
AGGACTATCCCTTTGAGGACTGGCAGCTGCCTGGCAAGAACCTGCTCCAGCTCTGCCCCAAAGCCTCGA
GGCTCTGGCTGTGCGGTCTCTGGGACACCAGGAGCTCATCTGGGCGGGTGGAACAGCTCCAGGCCCTG
AGCTCCAGGCTACAGACAGAGAAGCTGCAAGCCTGACAGAGGGACTTCTGGGGGCAACCCATGACTTCC
AGAGCATAGTCCAAGGCTGCCTGGGGGACTGTGCCAAGACCCCTATTGATGTCCTCTGTGCAGCTGTGGA
GCTGTTGCATGAAGCTGACGCCCTCTCTTCTGGCTCAGCAGGTACCTCTTCTCCCACTTAAATGATTTT
TCAGCATGCCAGGAGATCCGAGACTTGTGGAGGAGCTGAGCCAGGTCTTGCATGAGGATGGTCCAGCGG
CTGAGAAGGAGGGCACAGTCTGAGGATCTGCAGCCACGTGGCTGGGATCTGCCACAACATCCTGGTCTG
CTGCCCCAAGGAGCTGCTGGAACAGAAGGCCGTGCTGAGCAGGTGCAGCTGGACAGTCCATTGGGCCTA
GAAATTCACACCACCAGCAATTGCCAGCACTTTGTGTCCCAAGTGACACCCAGGTTCCCACTGACTCCC
GACTGCAGATCCAGCCTGGAGACGAGGTTGTCCAGATCAACGAGCAGGTGGTGGTGCCTGAGGAGAGGGA
CATGGTGGGATGGCCCCGTAAAGAACATGGTGAGGGAAGTCTGCGGGAGCCAGCCGAGTCACTTATGTG
CTGAAGAAGATCCCGATACCGGAGACCCCCACAGACGCCCCCTCAGGTCTGGACTCCCCGCACCAGA
GGAGCCCATCACTGTCTCTGGCCCCACTGTCTCCAGGGCCCCATCTGAAGACGTCTTTGCCTTTGACCT
GTCTTCAAACCCAGTCCCGGACCCAGCCCTGCCTGGACAGACTCTGCCTCCCTTGGCCCTGAGCCCTG
CCCATCCCCCGGAACCCCGAGCCATACTCCAGCAGGGGTAGCAGGGACTCCAGGGTCCCTGAATCCC
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ATGCCGTGAGCTGGGCCGGCCGACTGTGACGGCTGGCTCCTGTTGCGAAAGGCACCGGGCGGCTTCATG
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ATGAGAAGGCTGAGGGCCTCATCAATGTCTCAACTATAGTCTGAAAGTGACATGATCAGAAGAAGAA
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AGCATGTGGGTGCGTCATCTCATTACCTGCATCTCCAAGTACCAGTCTCCAGGCCGGGCCCCCCCCACCC
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GCCCAGCCCTGCTCAAGCTGGGAGTCCCTCCATGGAGACACATCACCTGCAGCCACCCCCACACAGCGC
AGCCCACGGACCTCCTTTGGCTCTCTGACAGACAGCAGTGAAGAGGCACTGGAAGGAATGGTACGGGGG
TGAGGCAGGGTGGCGTGTCCCTCTAGGCCAGCCACAGCCCTGACCCAGGAACAGTGGCGGAGCTTTT
CATGCGGCGCAACCGAGACCCTCAGCTCAATGAGCGAGTGCACCGTGTGCGGGCGCTACAGAGCAGCTC
AAGGCAAAGCTGCAGGAGCTGCAGGTCTAGAAGAAGTGTGGGTGACCTGAGCTGACAGGAGAGAAGT
TCCGCCAGTGGAAGGAGCAGAACCAGGAGCTGACTCAGAGGGCCTGGGGGCTGGGGAGTGGCAGAGG
TGAAGGCACTCCACATCTTGACCTCTGACTCCACAGAACAGTCCCCCACTCCCTGCCCTCTGACCT
GAAGAGCACTCCCATCTCTGCCCTGACCTCAGAGAGCAGCCTCCGACCTCCTGACCTCTGA
    
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Restriction Sites: Sgfl-MluI

ACCN: NM_001297647

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_001297647.1, NP_001284576.1</u>
RefSeq Size:	2585 bp
RefSeq ORF:	2163 bp
Locus ID:	10256
UniProt ID:	<u>Q969H4</u>
Cytogenetics:	1p36.11
Protein Families:	Druggable Genome
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 (3) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (2) is longer than isoform 1.