

Product datasheet for **SC126345**

CNKSR1 (BC011604) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNKSR1 (BC011604) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNKSR1
Synonyms:	CNK; CNK1; connector enhancer of kinase suppressor of Ras 1; connector enhancer of KSR-like; KSR; OTTHUMP00000008767
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC011604 edited
GGCAAAACAGGAGCTGATTGAGCTGGCAGAGCTGGGCCATGGAACCGGTAGAGACCTGG
ACCCCCGGAAGGTGGCAACTTGGCTGAGAGGTCTTGACGACTCCCTGCAGGACTATCCC
TTTGAGGACTGGCAGCTGCCTGGCAAGAACCTGCTCCAGCTCTGCCCCAAAGCCTCGAG
GCTCTGGCTGTGCGGTCTCTGGGACACCAGGAGCTCATCTGGGCGGGTGGAAACAGCTC
CAGGCCCTGAGCTCCAGGCTACAGACAGAGAACCTGCAAAGCCTGACAGAGGGACTTCTG
GGGGCAACCCATGACTTCCAGAGCATAGTCCAAGGCTGCCTGGGGGACTGTGCCAAGACC
CCTATTGATGTCTCTGTGCAGCTGTGGAGCTGTTGCATGAAGCTGACGCCCTCCTCTTC
TGGCTCAGCAGGTACCTCTTCTCCCACTTAAATGATTTCTCAGCATGCCAGGAGATCCGA
GACTTGTGGAGGAGCTGAGCCAGGTCTTGATGAGGATGGTCCAGCGGTGAGAAGGAG
GGCAGAGTCTGAGGATCTGCAGCCAGTGGCTGGGATCTGCCACAACATCCTGGTCTGC
TGCCCCAAGGAGTGTGGAACAGAAGGCCGTGCTCGAGCAGGTGCAGCTGGACAGTCCA
TTGGGCTAGAAATTCACACCACCAGCAATTGCCAGCACTTTGTGTCCAAGTGGACACC
CAGGTTCCCACTGACTCCGACTGCAGATCCAGCCTGGAGACGAGTTGTCCAGATCAAC
GAGCAGGTGGTGGTGCCTGAGGAGAGGGACATGGTGGGATGGCCCCGTAAGAATGGTG
AGGGAACCTGCTGCGGAGCCAGCCGACTCAGCTTAGTGCTGAAGAAGATCCCGATACCG
GAGACCCCCCACAGACGCCCCCTCAGGTCTGGACTCCCCGACCCAGAGGAGCCATCA
CTGTCTCTGGCCCCACTGTCTCCAGGGCCCCATCTGAAGACGTCTTTGCCTTTGACCTG
TCTTAAACCCAGTCCCGGACCCAGCCCTGCCTGGACAGACTCTGCCTCCCTTGGCCCT
GAGCCCCTGCCATCCCCCGGAACCCAGCCATACTCCAGCAGGGGTAGCAGGGACT
CCAGGGCTCCCTGAATCCCTGACAAGAGTCTGTTGGTGGGAAGAAATCAAAGGCCTG
GCGACCCGGCTGAGCCGCGCGGGGTGTATGCCGTGAGCTGGGCGGCCGACTGTGAC
GGCTGGCTCCTGTTGCGAAAGGCACCGGGCGGCTTCATGGGCCGCGCTGGCGCCCGCG
TGGTTTGTGCTCAAGGGACACAGCTCTACTGGTACCGCCAGCCCCAGGATGAGAAGCT
GAGGGCTCATCAATGTCTCAACTATAGTCTGAAAGTGGACATGATCAGAAGAAGAA
TATGTGTTTCAGCTACCCATGATGTGTACAAACCTTCTCTTCGCTGCTGATACCCTG
ACAGATCTGAGCATGTGGGTGCGTCTCTATTACCTGCATCTCCAAGTACCAGTCTCCA
GGCCGGGGCCCCCAGCCGAGAGGAAGACTGCTACAGTGAAGCCAGCAGAGGACCCG
GACGATGAGGCTGGGTCCCACTCAGCCTCGCCAGCCCTGCTCAAGCTGGGAGTCCCTC
CATGGAGACACATCACCTGCAGCCACCCACACAGCGCAGCCACGGACCTCCTTTGGC
TCTCTGACAGACAGCAGTGAAGAGGCACTGGAAGGAATGGTACGGGGGCTGAGGCAGGT
GGCGTGTCCCTCCTAGGCCAGCCACAGCCCTGACCCAGGAACAGTGGCGGAGCTTTTC
ATGCGGGCAACCGAGACCTCAGCTCAATGAGCGAGTGACCCGTGTGCGGGCGTACAG
AGCACACTCAAGGCAAAGCTGCAGGAGCTGCAGGTCTAGAAGAAGTGTGGGTGACCT
GAGCTGACAGGAGAGAAGTTCGCCAGTGAAGGAGCAGAACCGGGAGCTGTACTCAGAG
GGCCTGGGGGCTGGGAGTGGCAGGCTGAAGGAGCTCCACATCTTGACCTCTGAC
TCCACAGAACAGTCCCCCACTCCCTGCCCTCTGACCTGAAGAGCACTCCCATCTCTGC
CCCCTGACCTCAGAGAGCAGCTCCGACCTCCTGACCTCTGACCTGGCCAGCACTCTAG
CTCCTGACCTTTGACCCGAGGGCCACCTCAACCCAGCTTCTGACGTGTCCAGGACAGAG
CATCCCTGGATTCTGTTACGGGTGGGAAGTAGTACTGCTAGTCATGGTCTACCCCGAGC
TGACCCCTCTGCCTGGGCTTTGTGCCACCCTCTCCCTTGCCAAAGAAGAACTCTCCCC
CAAATCTCAACCTCTGGGGCCACAGCCCTGCCCTCCAGTTCCTTGGCAGTTCTCCCC
CAAACAGGTCTGTACAGGTGTTCTTTATTTTACATGAGGGCTACTTTCAACCAATAA
AGTCAATTTTCTAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC011604 unedited <pre> AGGATTTTGTAAACGACTCTACTATAGGGCGGCCGGAATTCGCACGAGGGGCAAAACA GAGCTGATTTCGAGCTGGCAGAGCTGGGCCATGGAACCGGTAGAGACCTGGACCCCGGAA AGGTGGCAACTTGGCTGAGAGGTCTTGACGACTCCCTGCAGGACTATCCCTTTGAGGACT GGCAGCTGCCTGGCAAGAACCTGCTCCAGCTCTGCCCCAAAGCCTCGAGGCTCTGGCTG TGCGGTCTCTGGGACACCAGGAGCTCATCTGGCGGGGTGGAACAGCTCCAGGCCCTGA GCTCCAGGCTACAGACAGAGAACCTGCAAGCCTGACAGAGGGACTTCTGGGGCAACCC ATGACTTCCAGAGCATAGTCCAAGGCTGCCTGGGGGACTGTGCCAAGACCCCTATTGATG TCCTCTGTGCAGCTGTGGAGCTGTTGCATGAAGCTGACGCCCTCCTCTTCTGGCTCAGCA GGTACCTCTTCTCCCACTTAAATGATTTCTCAGCATGCCAGGAGATCCGAGACTTGTGG AGGAGCTGAGCCAGGTCTTGATGAGGATGGTCCAGCGGCTGAGAAGGAGGGCACAGTCC TGANGATCTGCAGCCACGTGGCTGGGATCTGCCACAACATCCTGGTCTGCTGCCCCAAGG AGCTGCTGGAACAGAAGGCCGTGCTCGAGCAGGTGCAGCTGGACAGTCCATTGGGCTAG GAAATCACACCACCCAGCATTGCCAGCACTTTGTGTCCAAGTGGACACCCAGGTTCCCA CTGACTCCCGACTGCAGATCCAGCCTGAAGACGAGGTTGTCCAGATTACNANNNCAGTG TGNGTGCCTGAAGAGAAGGACATGTTGGGATGGCCCCCTAGACATGGTGGAGGGACCGC TGCGGGAGCAGCCGACCCANCTAATGCCGGAGAAATCCCAATCCCGAAACCCCCCA AC </pre>
Restriction Sites:	Please inquire
ACCN:	BC011604
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:	BC011604.2 , AAH11604.1
RefSeq Size:	2566 bp
Locus ID:	10256
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]