

Product datasheet for **MR221230**

Cnksr1 (NM_001081047) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnksr1 (NM_001081047) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cnksr1
Synonyms:	BC037758
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR221230 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCCCGTGGAGGCCTGGACCCCGGGAAGGTGGCAGCTTGCTGAGAGGCCTTGATGATGCCCTAC
AGGACTATCCCTTCGAGGACTGGCAGCTGCCTGGGAAGTACCTGCTGCAGCTCTGTCCCCAAAGCCTCGA
GGCTCTGACTGTGTGGCCTTTGGGCCACCAGGAACTATTCTAGATGGGGTGAACAACCTCCGGGCCATG
GGCTCTAATCTACAGACAGAGAACCTGCAGAGCCTGGCTCAGGGGCTGCTGGAAGGACCCAGGCCTTCC
AAAGCTTGGTCCAAGGCTCTCTGGGCAACTGTGCTGAGACACCGGCTGACGTCTCAAGGCTGCGGTGGA
GCTGGTGCGGGAAGCCATGCCCTCCTCTCTGGCTCAACGGGTACCTTCTCTCACTTAAATGACTTC
TCTGCCTGCCAGGAGATTGGCGTCTGTGCGGGGAGCTGGCCAAAGTCTGCAGGAGGACTGCCAGAGG
CTGAGAAGGAACGAAACATCCTGAGGATTTGCGGCCACGTGGCTGGGATCTGTACAACATCCTGAGCTG
CAGCCCAGAGGAGCTGCTGGAACAGAAGCCGTGCTGGAGTCCGTGCAGGTGGACGACCCCTCCGGTCTA
GAAATTCACACCACGCAACTGCCTGCACTTTGTGTCCCGAGTAGGGGTTACAGGCTGCCACCAGCTCCC
AGATCCTGCCAGGAGACGAGATTGTCCAGTCAATGAGCAGTGGTGGTGGGCTGGTCCCATAAGAACAT
GCTGAGGAAGCTGCTGAGGGAACCAGCAAGGTGAGCCTGGTACTGAAGAAGATTCCTGCCAGAGACC
CCCTCACAGAGCTCCCTGGACTCTCTCACCTGCTAAGCCAATCGCTGCCCTGAACCCACCGTCTCCCA
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CCTTGACGCTCAGTCCCCGCCACTCCCCCTGGACCACCAGGCGTACTCCAGAAGAAACAGCAGAACCT
CTGGAGTCTTCGGGACACCCTGACAAGAGTCCCATCCTTGGTCCGAAGAAATCTAAAGGTATAGCCACGA
GGCTGAGCCGCGCCGGGTGCTCTGCCGAGAGTTGGGTCTGCCGATTGTGATGGATGGCTTCTACTGCG
GAAGTACCCGGTGGCTTTATGGGCCACGCTGGCGCCGCTGCTGGTTTGTGCTCAAGGGACACACCCTA
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CAAGGCCGGGCCCTCCTCTGCCAGAGAGGAAGACTGCTACAGTGAGACAGAAGCAGAAGACCCCGATG
AGGAGGTTGGGTCCCGCTCCGCTTCTCTGGCCAGCTCAAGCGTGGAGTGACACATCACCCGTGGCTTC
ACCCCTGCAGAGTCCGAGAACTCCTTTAACTCTTACCAGACAGCAGTGACAGAGCCCTGGAAGGAATG
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GAGCACCTCAAGGCAAAGCTGCAGGAAGTGCAGGCCCTGGAGGAAGTGCTGGGTGATCCTGAACTCACA
AGTGCAAAGTTCCGACAGTGAAGGAACAGAACCAGGAGCTATACTCAGAGGGCCTGAGAACCTGGGGAG
GGACGTGGGCCAGACCAGCTCCTCAGACCCAACTCTGACTCCAGGGCTCATTCCCCACAGCCCTCCC
CTTTGATCCTGAAGAGCCCTCCAGCTTTTCCCTTAACCCAGAGAACAGCTGCCAACCTCCTGACCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR221230 protein sequence
Red=Cloning site Green=Tags(s)

```
MEPVEAWTPGKVAAWLRGLDDALQDYPFEDWQLPGKYLLQLCPQSLEALTVWPLGHQELILDGVEQLRAM
GSNLQ TENLQSLAQGLLERTQAFQSLVQGS LGNCAETPADVLKAAVELVREAHALLSWLNGYLF SHLNDF
SACQ EIGVLCGELGQVLQEDCPEAEKERNILRICGHVAGICHNILSCSPEELLEQKAVLESVQVDDPSGL
EIHTT SNCLHFVSRVGVQAATSSQILPGDEIVQNEQVVVWWSHKNMLRKLLREPAKVS LVLKKIPVPET
PSQTS LDSPHLLSQSLPLNPPSPRV PSEGLLADGTPGSPAWTDSTSLDAQSPPTPPGPPGVLPEETAEP
LESSGHPDKSPILGRKKS KGIATRLSRRRVSCRELGLPDCDGWLLLRKVPGGFMGPRWRRCWFVLKGHTL
YWYRQPQDEKA EGLINLSNYSLESGHDQKKKYVFQLTHDVYKPFIFAETLSDLSKWVRHLITCISKYQA
QGRAPSSAREEDCYSETEAEDPDEEVGSR SASPGAQAWS DTSVASPLQSPRTSFNSSPSSDRALEGM
VQGLRQGGV SLLGQPQLTHEQWRSSFMRNRD PHLNERAHRIRALQSTLKAKLQELQALEEVLGDPELT
SAKFRQWKEQNQELYSEGLRTWGGTWAQTS SSSDPNSDSRAHSPQPLPFDPEEPSQLFPLTPENSCQPPDL
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001081047

ORF Size: 2103 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.

RefSeq: [NM_001081047.1](#), [NP_001074516.1](#)

RefSeq Size: 2467 bp

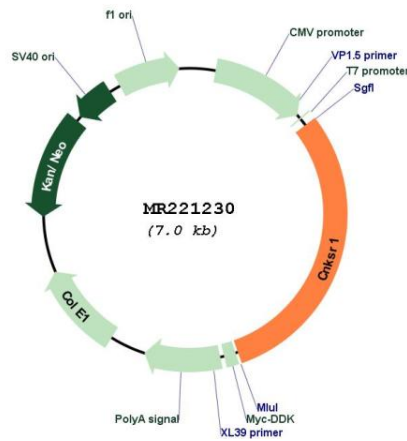
RefSeq ORF: 2103 bp

Locus ID: 194231

Cytogenetics: 4 D3

MW: 77.4 kDa

Product images:



Circular map for MR221230