

Product datasheet for **RN200332**

Cnksr2 (NM_001113366) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnksr2 (NM_001113366) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cnksr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200332 representing NM_001113366 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCTGATAATGGAACCACTGAGCAAAATGGTCTCCGAGTCAAGTAGTGGACTGGATGAAAGGTCTCG
ATGACTGCTTACAGCAGTATATTAAGAACTTTGAGAGGGAGAAGATCAGTGGAGACCAGCTGCTACGCAT
TACACATCAGGAGCTAGAAGATCTGGGAGTCAGCCGATTGGCCATCAGGAGCTGATCTTGAGGCGAGTC
GACCTTCTGTGTGCACTGAATTATGGCTTAGAAACAGAAAATCTAAAAACCCCTTCTCACAAAGTTGAATG
CGTCTGCCAAAAATCTACAGAACTTCATAACAGGAAGGAGGAGGAGCGGCCATTATGATGGGAGGACCAG
CCGAAAATTACCAAAATGACTTTTTGACCTCAGTTGTGGATCTGATTGGAGCAGCCAAGAGTCTTCTTGCT
TGGTTGGACAGGTCACCATTTGCTGTGTGACAGACTATTCAGTCACAAGAAATAATGTCATACAACCTCT
GCTTGGAGTTAACAACAATTGTGCAACAGGATTGCACTGTCTATGAAACTGAAAAATAAATCTTTCATGT
GTGTAAGTCTTTCTGGGGTCTGTGACCACATCATATCCCTGTCGTGAGATCCTCTGGTTTCACAGTCT
GCTCACCTTGAAGTGATTGAGTGGCAAAATCAAACCAAGTGAAGGGCTGGGTATGTATATTAATCCA
CATATGATGGCCCTCCATGTAATTACGGGAACCACAGAAAATTCACCTGCAGATCGGTGCAAGAAAATCCA
CGCTGGGGATGAAGTGATTCAAGTCAATCATCAGACTGTGGTGGGGTGGCAGTTGAAAAATTTGGTGAAT
GCACTACGAGAGGACCCGAGTGGTGTATCTTAACTTTGAAAAAGCGACCTCAGAGCATGCTTACCTCAG
CACCAGCTTTACTGAAAAATATGAGATGGAAGCCCTTGCTCTGCAGCCTCTTATACCTAGAAGTCCCAC
AAGCAGCGTTGCCACGCCTTCCAGCACCATCAGTACACCCACCAAAAGAGACAGTTCTGCTCTCCAGGAT
CTCTACATCCCCCTCCTCTGCAGAACCATACATTCCAGGGACGAAAAAGGAAACCTTCTTGTGAAG
ATCTCAGAGGACATATGGTGGGCAAGCCAGTTCATAAGGGATCTGAATCCCCAATTCATTTCTGGACCA
GGAATATCGAAAGAGGTTAACATTGTTGAAGAAGACTGTCTTATATGCTATGAATGAAAAAGGA
CGATCAAGTAGTCAAGGAAGACGAGAAAGCACACCAACCTATGGCAAGCTACGACCTATATCTATGCCCAG
TCGAATATAATTGGGTGGGGACTATGAAGATCCAAATAAGATGAAGAGAGATAGTAGAAGAGAAAACTC
TCTACTTCGATACATGAGCAATGAAAAATTTGCTCAAGAAGAATACATGTTTCAGAGAAAACGAAAAAG
GACACAGGGAAGAAGTCAAAAAAGAAAGGTGATAAGAGTACTAGCCCACTCACTACTCCTTGCTGCCTA
GTTTGCAATGGATGCATTGAGACAAGACATCATGGGCACACCAGTGCCAGAAAACCACTGTACCATAC
ATTTACAGCAGTCTCTCTGCAGCACAATCAAAGAAGAAAAACAAAGGAGCTATAGCAGGCAAGAGCAAA



[View online »](#)

AGAAGAATTTCTTGAAGGATCTTGCCCGTGGTACTGTGAAGGATGGCTTTGAAAAAGAAAGATGCAA
 AGAGCTATTTTTACAGAAATGGAAGAAGTACTGGTTTGTCTAAAGGATGCATCCTTGTACTGGTATAT
 TAATGAAGAGGATGAAAAAGCAGAGGGATTTCATCAGTCTGCCTGAATTTAAAATCGATAGAGCCAGTGAA
 TGCCCGAAGAAATATGCATTCAAGGCCTGCCATCCTAAAATCAAAGCTTTTATTTTCGCTGCTGAGCATC
 TCGATGACATGAACAGGTGGCTTAATAGAATTAACATGCTGACTGCAGGATATGCCGAAAGAGAGAGGAT
 TAAACAAGAACAAGATTACTGGAGTGAGAGTGACAAAGAAGAAGCAGATACTCCATCAACACCAAAACAA
 GACAGCCCTCCACCCCATATGACACATACCCACGGCTCCCTCTATGAGTTGTGCCAGTCCTTATGTGG
 AAGCAAAACACAGCCGGCTTTCCTCCACAGAGACCTCTCAGTCTCAGTCTTACATGAGGAATTTGACA
 GGAAGTTACTGGGAGCAGTGCTGTGTCCCCATTGCAAGACAGCCAGTCAGCGCCGCTCCTGGCAGGAT
 TTAATCGAGACGCCACTGACAAGTTCAGGCTTACACTATCTTCAGACTCTGCCTCTGGAAGATTCTGTCT
 TCTCTGACTCGGCAGCCATCTCCCTGAGCACAGGCGGCAGTCCACTCTTCCAACAGAAAGTCCACCT
 CCAGGATCATTATGGCCATACCTTTAGCTGAGAGCGAGAGGATGCAAGTGTGAATGGCAATGGGGGC
 AAGCCTCGAAGTTTTACTCTGCCTCGAGATAGCGGGTTCAACCATTGCTGTCTGAACGCACCAGTTAGTG
 CCTGCGATCCACAAGATGACATACAGCCACCAGAGGTGGAGGAAGAAGAGGAGGAGGAGGAGGAGGAGG
 AGCAGGAGAAAACATAGCGGAGAAAAATGAAAATAGGGAAGAAAAGTTAGGAGACTCCTTGAAGATTTA
 TACAGGGCACTGGAGGAAGCCAGTCTGTCAACACTAGGAGAACATCGCATTTCACCAAGATCGAATACA
 AACTATCGTTCAAAAACGATGCAATGATCCTGTGATGAATGAGAAGCTGCACAGGCTGAGAATCTTAA
 AAGCACTTTAAAGGCCAGAGAAGGGGAAGTAGCCATTATTGATAAAGTCCTAGACAATCCAGACTTGACA
 TCTAAAGAATCCAACAATGGAAGCAGATGTACCTCGACCTTTTCTTGGATATCTGTCAAAACACCACCT
 CAAATGACCCACTAAGTATTTCTTCTGAAGTAGATGTTATCACTTCTCTCTAACACATACTCATTGCGTA
 CATTGAGACACACGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001113366
- Insert Size:** 3099 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:** NM_001113366.1, NP_001106837.1
- RefSeq Size:** 3272 bp
- RefSeq ORF:** 3099 bp
- Locus ID:** 59322

UniProt ID: [Q9Z1T4](#)

Cytogenetics: Xq21

Gene Summary: membrane-associated guanylate kinase-interacting protein; may bind the postsynaptic density (PSD)-95 complex and synaptic scaffolding molecules [RGD, Feb 2006]
Transcript Variant: This variant (1) encodes the longer isoform (1).