

Product datasheet for MC223268

Cnksr2 (NM_177751) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnksr2 (NM_177751) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cnksr2
Synonyms:	Cnk2; Ksr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223268 representing NM_177751 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCTGATAATGGAACCGGTGAGCAAATGGTCTCCGAGTCAAGTAGTGGACTGGATGAAAGGTCTTG
ATGACTGTTTGCAGCAGTACATTAAGAATTTGAGAGAGAGAAGATCAGTGGAGACCAGCTGCTACGCAT
TACACATCAGGAGCTAGAAGATCTGGGAGTCAGCCGATTGGCCATCAGGAGCTGATCTTGAAGCAGTT
GACCTTTTGTGTGCACTGAATTATGGCTTAGAAACAGAAAATCTAAAAACACTTTCTCACAAAGTTGAATG
CATCTGCCAAAAATCTACAAAATTCATAACAGGAAGGAGAAGGAGCGGCCATTATGATGGGAGGACCAG
CCGAAAATTACCAAATGACTTTTTGACCTCAGTTGTGGATCTGATTGGAGCAGCCAAGAGTCTTCTTGCT
TGGTTGGACAGGTCAACATTTGCTGCTGTGACAGACTATTCAGTCACAAGAAATAACGTCATACAGCTCT
GCTTGAATTAACAACAATTGTGCAACAGGATTGCACTGTATGAAACTGAAAAAAAATTCCTCATGT
GTGTAAGTCTCTCTGGAGTCTGTGACCACATCATATCCCTGTCATCAGATCCTCTGGTTTCACAGTCT
GCTCACCTGGAAGTGATTCAGCTGGCAAATATCAAACCAAGTGAAGGGCTGGGTATGTATTAATCA
CATATGATGGCCTCCATGTAATTACCGGACCACAGAAAATTCACCTGCAGATCGCTGTAAGAAAATCCA
TGCTGGTGATGAAGTAATCCAAGTGAACCATCAGACTGTGGTGGGGTGGCAGTTGAAAAATTTGGTGAAT
GCACTACGAGAGGACCCGAGTGGTGTATCTTAACTTTGAAAAAGCGACCTCAGAGCATGCTTACCTCAG
CACCAGCTTTACTGAAAAATATGAGATGGAAGCCCTTGTCTGCAGCCTTTATACCTAGAAGTCCCAC
AAGCAGCGTTGCCACGCCCTCCAGCACCATCAGTACACCACCAAAGAGACAGTTCTGCTCTCCAGGAT
CTCTACATCCCCCTCCTCCTGCAGAACCATATATCCAGGGATGAAAAAGGAAACCTTCTTGTGAAG
ACCTCAGAGGACATATGGTGGGCAAGCCAGTTCATAAGGGGTCTGAATCCCCAAATTCATTTCTGGACCA
AGAATATCGAAAGAGTTTAAACATTGTTGAAGAAGATACTGTCTTATATTGCTATGAATATGAAAAGGGA
CGATCAAGTAGTCAAGGAAGACGGGAAAGCACACCAACCTATGGCAAGCTACGACCTATATCTATGCCAG
TGGAAATAAATGGGTGGGGACTATGAAGATCCAATAAGATGAAGAGAGATAGTGAAGAGAAAACCTC
TCTACTTCGATACATGAGCAATGAAAAATTTGCTCAAGAAGAATACATGTTTCAGAGAAAACGAAAAAA
GACACAGGGAAGAAGTCAAAAAAGAAGGGTGATAAGAGTAATAGCCCAGCCCACTACTCATTGCTGCCTA



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GTTTGCAATGGATGCATTGAGACAAGACATCATGGGCACACCAGTGCCAGAAACCACACTGTACCATAC
 ATTTCAACAGTCTCTCTGCAGCACAATCAAAGAAGAAAAACAAAGGAGCTATATCAGGCAAGAGCAAA
 AGAAGAATTTCTTGCAAGGATCTTGCCCGTGGTACTGTGAAGGATGGCTTTGGAAAAAGAAAGTGCAA
 AGAGCTATTTTTCACAGAAATGGAAGAAGTACTGGTTTGTCTAAAGGATGCATCCCTATACTGGTATAT
 TAATGAAGAGGATGAAAAAGCAGAAGGATTCATCAGTCTGCCTGAATTTAAAATCGATAGAGCCAGTGAA
 TGCCGCAAGAAATATGCATTCAAAGCCTGCCATCTAAAATCAAAGCTTTTATTTTGTCTGCTGAACATC
 TTGATGACATGAACAGGTGGCTTAACAGAATTAACATGCTGACTGCAGGATATGCAGAAAGAGAGAGGAT
 TAAACAAGAACAAGATTACTGGAGCGAGAGTGACAAGAAGAAGCAGATACTCCATCGACACCAAAACAA
 GACAGCCCTCCGCCCCCTATGACACATACCCACGGCCTCCCTCTATGAGTTGTGCCAGTCTTATGTGG
 AAGCAAAACACAGCCGGCTTTCCTCCACAGAGACCTCTCAGTCTCAGTCTTACACGAGGAGTTCGCCCA
 GGAAGTCACTGGGAGCAGTGCTGTGTCTCCATTGCAAGACAGCCAGTCAAGCGCCGCTCCTGCCAGGAT
 TTAATCGAGACACCGCTGACAAGCTCAGGCTTACACTATCTTCAGACTCTGCCTCTGGAAGATTCTGTCT
 TCTCGGATTCAGCAGCCATCTCCCTGAGCACAGGCGGAGTCCACTCTCCAACCTCAGAAGTCCACCT
 CCAGGATCATTATGGCCCATACCTTTAGCAGAGAGCGAGAGGATGCAAGTGTTAAACGGCAATGGGGC
 AAGCCTCGAAGTTTTACTCTGCCTCGAGATAGCGGTTCAACCATTGCTGTCTGAACACACCAGTTAGTG
 CCTGTGACCCACAAGATGACATACAGCCACCAGAGGTGGAGGAAGAAGAGGAGGAGGAAGAAGAGGAAGC
 AGCAGGAGAAAACGTTGGAGAGAAAAATGAAAACAGGGAAGAAAAATTAGGAGACTCCTTGAAGATTTA
 TACAGGGCACTGGAGGAAGCCAGTCTGTCAACACTAGGAGAACATCGCATTTCAACCAAGATGGAATACA
 AACTATCATTCAAAAACGGTGTAAATGATCCTGTGATGAATGAGAACTGCACAGGCTGAGAATCTTAA
 AAGCACTTTAAAGGCCAGAGAAGGGGAAGTAGCCATTATTGATAAAGTCTAGACAATCCAGACTTGACT
 TCTAAAGAATCCAACAATGGAAGCAGATGTACCTCGACCTTTTCTTGGATATCTGTCAAAGCACCACCT
 CAAATGACCCACTAAGTATCTCTTGAAGTAGATGTTCTCACTTCTCTCTAACACACACTCACTCATA
 CATTGAGACACATGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_177751

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_177751.3, NP_808419.1

RefSeq Size:

5521 bp

RefSeq ORF:

3099 bp

Locus ID: 245684

UniProt ID: [Q80YA9](#)

Cytogenetics: X F4

Gene Summary: May function as an adapter protein or regulator of Ras signaling pathways.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).