

Product datasheet for MC218574

Cnksr3 (BC031194) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cnksr3 (BC031194) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Cnksr3
 Synonyms: MGC37681, 6820402C05
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC031194
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCAGTCTCCTGCAGACAGATCTCAAAGATTACGCTGGCGATGAGGTCATTCAAGTCAATCGGCAGA
 CAGTGGTTGGGTGGCAGTTGAAAATCTGGTGAGAAAGTTGAGAGAGAACCCACGGGCGTGGTGTCTGCT
 GCTGAAGAAGAGGCCACGGGCTCCTTCAGCTTCACTCCGGCCCCACTGAAGAACCTGCGGTGGAAGCCA
 CCGCTCGTGCAGACCTCACCCCCGCCACCACCACCCAGTCCCCAGAGAGTACCATGGATGCCTCCCTGA
 AGAAGGAGAAGCCAGCCATCCTGGACCTATACATCCCTCCCCACCTGTGTCCCTACTCTCCCCGGGA
 TGAGAATGTGAGTTTCGGCTACAGAGGACACAGTAAGAGTAAGCAGCCGTTGCCTGTGCGCAAGGGTTCC
 GAGTCCCCTAACTCCTTCTGGACCAGGAGAGCCAAAGACGCAGATTTACCATTGCAGATTCCGATCAGC
 TGCCCCGGTATTCGGTGGAAACCAATGTTCTGCCACAAAAATGAGAGGGAAAGACACCATCTACGGCAA
 ACCCCGGCCTCTGTCCATGCCTGCCGATGGAACTGGATGGGGATCGTGGACCCTTTTGTAAACCTCGA
 GAAAATGGGAGGAAAGGGGAAGATGCCCTCTGCCGGTATTTAGCAATGAGCGGATCACACCCATCACTG
 AAGAAAGTGCCTCCTATGTACCGTTCTAGACCCCTGACTGAGCGGCACCTGGTCCGAGGTGCGGA
 CTACATCCGAGGAGCAGGTGCTACATCAACTCCGACCTACACAGCAGTGCACCATTCATTCCAGGAG
 GAAGGTTCCAAGAAGAAATCAGCCTCCTCATCGGCCAAGCGTCCTCTGGGGAGCCGTCGCTGCTGGTCA
 GCTGGCTGACTCGCCTCAAGCTGTTGACTCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC031194
 Insert Size: 945 bp



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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:	<ol style="list-style-type: none">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:	BC031194 , AAH31194
RefSeq Size:	2566 bp
RefSeq ORF:	944 bp
Locus ID:	215748
Cytogenetics:	10 A1
Gene Summary:	Involved in transepithelial sodium transport. Regulates aldosterone-induced and epithelial sodium channel (ENaC)-mediated sodium transport through regulation of ENaC cell surface expression. Acts as a scaffold protein coordinating the assembly of an ENaC-regulatory complex (ERC).[UniProtKB/Swiss-Prot Function]