

Product datasheet for **RN210796**

Kcnip3 (NM_032462) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnip3 (NM_032462) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnip3
Synonyms: Csen; Dream; rKChIP3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210796 representing NM_032462
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGAGGACCAAGGAAGCAATGAAGGCATCGGATGGCAGCCTCCTGGGAGACCCTGGGCGCATACCGC
 TGAGCAAGAGGGAAGGCATCAAGTGGCAGAGGCCACGGTTCACCCGCCAGGCCCTGATGCGTTGCTGCTT
 AATCAAGTGGATCCTGTCCAGTGTGCCCCACAAGGCTCAGACAGCAGTGACAGTGAAGTGGAGTTGTCC
 ACGGTGCCCATCAGCCAGAGGGCTTGGACCAGCTACAGGCCAAACCAAGTTCACCAAGAAGGAGCTGC
 AGTCCCTGTACCGAGGCTTCAAGAACGAATGTCCACGGGCTGGTTCGATGAAGATACCTTCAAACCTCAT
 TTATTCAGTTCCTCCCCAGGGAGATGCCACCACCTATGCACACTTCCTTCAATGCCTTCGATGCT
 GATGGGAACGGGGCCATCCACTTTGAGGACTTTGTGGTTGGGCTCCTCATCCTGCTTCGAGGGACCGTCC
 ATGAGAAGCTCAAGTGGCCTTCAATCTCTACGACATCAACAAGGACGGTTACATCACCAAGAGGAGAT
 GCTGGCCATCATGAAGTCCATCTACGACATGATGGGCCGCCACACCTACCTATCCTGCGAAAGGACGCA
 CCTCTGGAGCATGTGGAGAGTTCTCCAGAAAATGGACAGGAACCAGGATGGAGTAGTGACTATTGATG
 AATTTCTGGAGACTTGTGAGAAGGACGAGAACATCATGAGCTCCATGCAGCTGTTGAGAACGTCATCTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_032462
Insert Size: 771 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:	NM_032462.2 , NP_115851.1
RefSeq Size:	818 bp
RefSeq ORF:	771 bp
Locus ID:	65199
UniProt ID:	Q9JL47
Cytogenetics:	3q36
Gene Summary:	member of the voltage-gated K ⁺ channel-interacting proteins (KCNIPs) family; plays a role in the intracellular trafficking of K ⁺ channel alpha subunit Kv4.2 (Kcna4); modifies Kv4 potassium channel current kinetics [RGD, Feb 2006]