

Product datasheet for **RN200343**

Kcnip2 (NM_020094) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnip2 (NM_020094) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnip2
Synonyms:	Kchip2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200343 representing NM_020094 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGGGGCCAAGGCAGAAAGGAGATTTGTCCGAATCCCGAGATCTGGACGGCTCCTATGACCAGCTTA
CGGGCCACCCTCCAGGGCCAGTAAAAAGCCCTGAAGCAGCGTTTCCTCAAGCTGCTGCCGTGCTGCGG
GCCCAAGCCCTGCCCTCAGTCAGTGAACATTAGCTGCCCCAGCCTCCCTCCGCCCCACAGACCCCGC
CCGCTGGACCCAGACAGCGTAGAGGATGAGTTTGAATTATCCACGGTGTGTACCAGCTGAGGGCCTGG
AACAACTCCAGGAACAGACCAAGTTCACACGCAGAGAGCTGCAGTCCGTGTACCGAGGCTTCAAGAACGA
ATGCCCCAGTGGGATTGTCAACGAGGAGAACTCAAGCAGATTTATTCTCAGTCTTTCCCAAGGAGAC
TCCAGCAACTATGCTACTTTTCTTTCAATGCCTTTGACACCAACCACGATGGCTCTGTCAGTTTTGAGG
ACTTTGTGGCTGGTTTGTGCGGTGATTCTTCGGGGGACCATAGATGATAGACTGAGCTGGGCTTTCAACT
ATATGACCTCAACAAGGACGGCTGTATCACAAGGAGGAAATGCTTGACATTATGAAGTCCATCTATGAC
ATGATGGGCAAGTACACATACCTGCCCTCCGGGAGGAGGCCCAAGAGAACACGTGGAGAGCTTCTTCC
AGAAGATGGACAGGAACAAGGACGGCGTGGTGACCATCGAGGAATTCATCGAGTCTGTCAACAGGACGA
GAACATCATGAGGTCCATGCAGCTCTTTGATAATGTCATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_020094
Insert Size:	813 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_020094.2 , NP_064479.2
RefSeq Size:	2370 bp
RefSeq ORF:	813 bp
Locus ID:	56817
UniProt ID:	Q9JM59
Cytogenetics:	1q54
Gene Summary:	Ca(2+)-binding protein that acts as an auxiliary subunit for voltage-gated K(+) channels [RGD, Feb 2006] Transcript Variant: This variant (a) represents the longest transcript and encodes the longest protein (isoform a).