

Product datasheet for **RN216108**

Kcnip1 (NM_001261387) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnip1 (NM_001261387) Rat Untagged Clone
Tag: Tag Free
Symbol: Kcnip1
Synonyms: Kchip1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216108 representing NM_001261387
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCGGCTGCTCCAAAAGATGCAGACTCGGGTTCGTGAAATTTGCCAGACCATCTTTAAACTCATCA
CCGGGACCCTCAGCAAAGACATCGCTGGTGGTATTACAGTATCAGAGAGACAAGATCGAGGATGATCT
GGAGATGACCATGGTTTCCATCGGCCTGAGGGACTGGAGCAGCTTGAGGCACAGACGAACCTCACCAAG
AGAGAAGTCAAGTCCTTACCGGGATTCAAAAACGAGTGCCCCAGTGGTGTGGTTAACGAAGAGACAT
TCAAGCAGATCTACGCTCAGTTTTTCCCTCATGGAGATGCCAGCACATACGCACATTACCTCTTCAATGC
CTTCGACACCACCAGACAGGCTCTGTAAGTTTCGAGGACTTTGTGACTGCTCTGTTCGATTTTACTGAGA
GGAACGGTCCATGAAAACTGAGGTGGACGTTTAAATTTGTACGACATCAATAAAGACGGCTACATAAACA
AAGAGGAGATGATGGACATAGTAAAGCCATCTATGACATGATGGGAAATACACCTATCCTGTGCTCAA
AGAGGACACTCCCAGGCAGCACGTGGACGCTTCTTCCAGAAAATGGATAAAAAATAAGATGGCATTGTA
ACGTTAGACGAATTTCTCGAGTCCTGTCAGGAGGATGACAACATCATGAGGTCTCTACAGCTGTTCCAAA
ATGTCATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001261387
Insert Size: 711 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001261387.1, NP_001248316.1</u>
RefSeq Size:	1653 bp
RefSeq ORF:	711 bp
Locus ID:	65023
Cytogenetics:	10q12
Gene Summary:	amino terminal is involved in the regulation of closed inactivation gating [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.