

Product datasheet for **MR222367**

Kcnip1 (NM_001190886) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnip1 (NM_001190886) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Kcnip1
Synonyms: KCHIP1; Kchip1.2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222367 representing NM_001190886
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCAGCTGCTCCAAAAGATGCAGACTCGGGTTCGTGAAATTTGCCAGACCATCTTTAAACTCATCA
CCGGGACCCTCAGCAAAGACAAGATTGAGGATGAGCTAGAGATGACCATGGTTTGCCACCGGCTGAGGG
ACTGGAGCAGCTTGAGGCACAGACGAATTCACCAAGAGAGAAGTCAAGTCTTGTACCGGGGATTCAA
AACGAGTGCCTAGCGGTGGTCAATGAAGAAACATTCAAGCAGATCTACGCTCAGTTTTTCCCTCAG
GAGATGCCAGCACATATGCACATTACCTCTTCAATGCCTTCGACACCACCCAGACAGGCTCTGTAAAGTT
CGAGGACTTTGTGACTGCTCTGTGATTTTACTGAGAGGGACAGTCCATGAAAACTAAGGTGGAGGTTT
AATTTGTATGACATCAATAAAGACGGCTACATAAACAAGAGGAGATGATGGACATAGTCAAAGCCATCT
ATGACATGATGGGAAATACACCTATCCTGTGCTCAAAGAGGACACTCCCAGGCAGCATGTGGATGTCTT
CTTCCAGAAAAATGGATAAAAAATAAAGATGGCATTGTAACGTTAGATGAATTTCTTGAATCATGTCAGGAG
GATGACAAACATCATGAGATCTCTACAGCTGTCCAAAATGTCATG

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001190886.1](#), [NP_001177815.1](#)

RefSeq Size: 2247 bp

RefSeq ORF: 678 bp

Locus ID: 70357

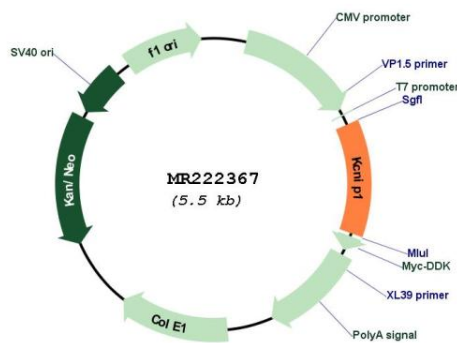
UniProt ID: [Q9JJ57](#)

Cytogenetics: 11 A4

MW: 26.7 kDa

Gene Summary: Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium channels. Regulates channel density, inactivation kinetics and rate of recovery from inactivation in a calcium-dependent and isoform-specific manner. Modulates KCND2/Kv4.2 currents (PubMed:14572458). In vitro, modulates KCND1/Kv4.1 currents (By similarity). Increases the presence of KCND2 at the cell surface.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222367