

Product datasheet for MR202394L3

Kcnip1 (NM_027398) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Kcnip1 (NM_027398) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Kcnip1

Synonyms: KCHIP1; Kchip1.2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR202394).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_027398

ORF Size: 651 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

Kcnip1 (NM_027398) Mouse Tagged Lenti ORF Clone - MR202394L3

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: 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 027398.2</u>

 RefSeq Size:
 2258 bp

 RefSeq ORF:
 651 bp

 Locus ID:
 70357

 UniProt ID:
 Q9][57

 Cytogenetics:
 11 A4

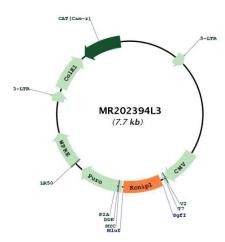
Gene Summary: Regulatory subunit of Kv4/D (Shal)-type voltage-gated rapidly inactivating A-type potassium

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 MR202394L3