

Product datasheet for RC214036L1V

OriGene Technologies, Inc.

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HCN2 (NM_001194) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: HCN2 (NM 001194) Human Tagged ORF Clone Lentiviral Particle

Symbol: HCN2

Synonyms: BCNG-2; BCNG2; HAC-1

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_001194

 ORF Size:
 2667 bp

ORF Nucleotide

OTI Disclaimer:

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Sequence:

The ORF insert of this clone is exactly the same as(RC214036).

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.

RefSeq: <u>NM 001194.2</u>

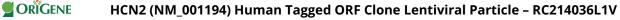
RefSeq Size:3459 bpRefSeq ORF:2670 bpLocus ID:610

UniProt ID: Q9UL51
Cytogenetics: 19p13.3

Protein Families: Druggable Genome, Ion Channels: Cyclic nucleotide gated, Transmembrane

MW: 96.8 kDa







The protein encoded by this gene is a hyperpolarization-activated cation channel involved in the generation of native pacemaker activity in the heart and in the brain. The encoded protein is activated by cAMP and can produce a fast, large current. Defects in this gene were noted as a possible cause of some forms of epilepsy. [provided by RefSeq, Jan 2017]