

Product datasheet for **RC220956L4V**

HCN1 (NM_021072) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HCN1 (NM_021072) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HCN1
Synonyms:	BCNG-1; BCNG1; DEE24; EIEE24; GEFSP10; HAC-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021072
ORF Size:	2670 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220956).
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.
RefSeq:	NM_021072.3
RefSeq Size:	9685 bp
RefSeq ORF:	2673 bp
Locus ID:	348980
UniProt ID:	O60741
Cytogenetics:	5p12
Protein Families:	Druggable Genome, Ion Channels: Cyclic nucleotide gated, Transmembrane
MW:	99.2 kDa



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Gene Summary:

The membrane protein encoded by this gene is a hyperpolarization-activated cation channel that contributes to the native pacemaker currents in heart and neurons. The encoded protein can homodimerize or heterodimerize with other pore-forming subunits to form a potassium channel. This channel may act as a receptor for sour tastes. [provided by RefSeq, Oct 2011]