

Product datasheet for **RC219661L4V**

Junctophilin 2 (JPH2) (NM_020433) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Junctophilin 2 (JPH2) (NM_020433) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Junctophilin 2
Synonyms:	CMH17; JP-2; JP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020433
ORF Size:	2088 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219661).
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_020433.4
RefSeq Size:	4802 bp
RefSeq ORF:	2091 bp
Locus ID:	57158
UniProt ID:	Q9BR39
Cytogenetics:	20q13.12
Protein Families:	Transmembrane
MW:	74 kDa



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Gene Summary:

Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic reticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasma membrane. This gene is a member of the junctophilin gene family. Alternative splicing has been observed at this locus and two variants encoding distinct isoforms are described. [provided by RefSeq, Jul 2008]