

Product datasheet for **RC208221L4V**

JPH4 (NM_032452) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	JPH4 (NM_032452) Human Tagged ORF Clone Lentiviral Particle
Symbol:	JPH4
Synonyms:	JP4; JPHL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032452
ORF Size:	1884 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208221).
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_032452.1 , NP_115828.1
RefSeq Size:	4396 bp
RefSeq ORF:	1887 bp
Locus ID:	84502
UniProt ID:	Q96J16
Cytogenetics:	14q11.2
MW:	65.7 kDa



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Gene Summary:

This gene encodes a member of the junctophilin family of transmembrane proteins that are involved in the formation of the junctional membrane complexes between the plasma membrane and the endoplasmic/sarcoplasmic reticulum in excitable cells. The encoded protein contains a conserved N-terminal repeat region called the membrane occupation and recognition nexus sequence that is found in other members of the junctophilin family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]