

Product datasheet for **MR209574L4V**

Jph4 (NM_177049) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Jph4 (NM_177049) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Jph4
Synonyms:	9330157P13Rik; JP-4; JPHL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177049
ORF Size:	1887 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209574).
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_177049.4 , NP_796023.2
RefSeq Size:	4489 bp
RefSeq ORF:	1887 bp
Locus ID:	319984
UniProt ID:	Q80WT0
Cytogenetics:	14 C3



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Gene Summary:

Junctophilins contribute to the formation of junctional membrane complexes (JMCs) which link the plasma membrane with the endoplasmic or sarcoplasmic reticulum in excitable cells. Provides a structural foundation for functional cross-talk between the cell surface and intracellular calcium release channels. JPH4 is brain-specific and appears to have an active role in certain neurons involved in motor coordination and memory.[UniProtKB/Swiss-Prot Function]