

## Product datasheet for **RC222024L4V**

### PLP2 (NM\_002668) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PLP2 (NM_002668) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLP2
Synonyms:	A4; A4LSB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002668
ORF Size:	456 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222024).
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. <a href="#">More info</a>
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:	<a href="#">NM_002668.1</a>
RefSeq Size:	1049 bp
RefSeq ORF:	459 bp
Locus ID:	5355
UniProt ID:	<a href="#">Q04941</a>
Cytogenetics:	Xp11.23
Protein Families:	Transmembrane
MW:	16.7 kDa


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**Gene Summary:**

This gene encodes an integral membrane protein that localizes to the endoplasmic reticulum in colonic epithelial cells. The encoded protein can multimerize and may function as an ion channel. A polymorphism in the promoter of this gene may be linked to an increased risk of X-linked cognitive disability. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq, Jan 2010]