

Product datasheet for RC206053L4

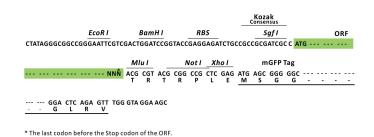
PMP2 (NM_002677) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	PMP2 (NM_002677) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	PMP2
Synonyms:	CMT1G; FABP8; M-FABP; MP2; P2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206053).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf I ORF Mlu I GCG ATC GC ATG // NNN ACG CGT



ACCN: ORF Size: NM_002677 396 bp



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

PMP2 (NM_002677) Human Tagged Lenti ORF Clone – RC206053L4	
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 002677.3</u>
RefSeq Size:	3579 bp
RefSeq ORF:	399 bp
Locus ID:	5375
UniProt ID:	<u>P02689</u>
Cytogenetics:	8q21.13
Domains:	lipocalin
MW:	14.9 kDa
Gene Summary:	The protein encoded by this gene localizes to myelin sheaths of the peripheral nervous system. The encoded protein can bind both the membrane layers of the sheaths and monomeric lipids, and is thought to provide stability to the sheath. A defect in this gene was shown to be a cause of dominant demyelinating CMT neuropathy. [provided by RefSeq, Jan 2017]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US