

Product datasheet for MR201650

Pllp (NM_026385) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Pllp (NM_026385) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Pllp

Synonyms: 0610010I06Rik; AV001002; Plapi; Tm4sf11

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >MR201650 ORF sequence

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

CCTGGCGAGGAGTGGGTAGCAACGCGGCCACGAGTCAGATGGCTGGGGGCTACTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201650 protein sequence

Red=Cloning site Green=Tags(s)

MAEFPSKVSTRTSSPAQGVGASVSALRPDLGFVRSALGVLALLQLALGLLVWALIADTPYHLYPAYGWVM FVAVFLWLVTIVFFIIYLFQLHMKLYMVPWPLVLLIFFVAATVLYITAFIACAAAVDLTSLRGSRPYNQR

SAASFFACLVMIAYGVSAFFSFQAWRGVGSNAATSQMAGGYS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



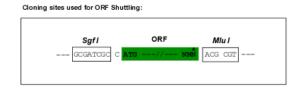
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

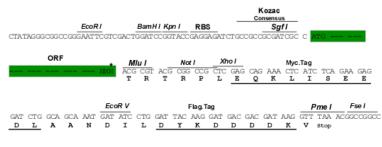
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_026385

ORF Size: 549 bp

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.

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: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. 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: NM 026385.4

RefSeq Size: 1889 bp
RefSeq ORF: 549 bp
Locus ID: 67801
UniProt ID: Q9DCU2
Cytogenetics: 8 C5



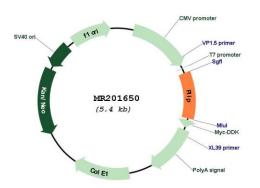
MW: 19.8 kDa

Gene Summary: Appears to be involved in myelination. Could also participate in ion transport events as

addition of plasmolipin to lipid bilayers induces the formation of ion channels, which are

voltage-dependent and K(+)-selective (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201650