

Product datasheet for RC222984L3

JPH1 (NM_020647) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: JPH1 (NM_020647) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: JPH1

Synonyms: CMT2K; JP-1; JP1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC222984).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_020647

ORF Size: 1983 bp



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JPH1 (NM_020647) Human Tagged Lenti ORF Clone - RC222984L3

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 020647.2</u>

 RefSeq Size:
 4373 bp

 RefSeq ORF:
 1986 bp

 Locus ID:
 56704

 UniProt ID:
 Q9HDC5

 Cytogenetics:
 8q21.11

Domains: MORN

Protein Families: Transmembrane

MW: 71.7 kDa

Gene Summary: Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic

reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic reticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasma membrane. This gene is a member of the junctophilin

gene family. [provided by RefSeq, Jul 2008]