

Product datasheet for RC214745L4

OriGene Technologies, Inc.

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GOLPH2 (GOLM1) (NM_016548) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: GOLPH2 (GOLM1) (NM_016548) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: GOLPH2

Synonyms: bA379P1.3; C9orf155; GOLPH2; GP73; HEL46; PSEC0257

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC214745).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_016548

ORF Size: 1203 bp





GOLPH2 (GOLM1) (NM_016548) Human Tagged Lenti ORF Clone - RC214745L4

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: <u>NM 016548.2</u>

 RefSeq Size:
 3080 bp

 RefSeq ORF:
 1206 bp

 Locus ID:
 51280

 UniProt ID:
 Q8NBJ4

 Cytogenetics:
 9q21.33

Protein Families: Transmembrane

MW: 45.2 kDa

Gene Summary: The Golgi complex plays a key role in the sorting and modification of proteins exported from

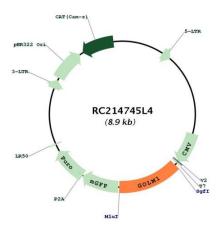
the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi

transmembrane protein. It processes proteins synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this gene has been observed to be upregulated in response to viral infection. Alternatively spliced transcript variants encoding the same protein have been described for

this gene. [provided by RefSeq, Sep 2009]



Product images:



Circular map for RC214745L4