

Product datasheet for **RC214745L4V**

GOLPH2 (GOLM1) (NM_016548) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GOLPH2 (GOLM1) (NM_016548) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GOLPH2
Synonyms:	bA379P1.3; C9orf155; GOLPH2; GP73; HEL46; PSEC0257
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016548
ORF Size:	1203 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214745).
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.
RefSeq:	NM_016548.2
RefSeq Size:	3080 bp
RefSeq ORF:	1206 bp
Locus ID:	51280
UniProt ID:	Q8NBJ4
Cytogenetics:	9q21.33
Protein Families:	Transmembrane
MW:	45.2 kDa



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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]