

Product datasheet for **RG202398**

GOLPH3L (NM_018178) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GOLPH3L (NM_018178) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GOLPH3L
Synonyms:	GPP34R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG202398 representing NM_018178 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCACTTTAACTCACCGGGCCGTCGCACTGAAATAAGCAAGAACTCTGAAAAGAAGATGGAAGTG
AGGAAGACAGTAATTGGGAGAAAAGTCCAGACAATGAAGATTCTGGAGACTCTAAGGATATCCGCCTTAC
TCTTATGGAAGAAGTATTGCTTCTGGGACTAAAAGATAAAGAGGGGTACACATCTTCTGGAATGACTGC
ATATCATCAGGCCTGCGAGGGGGCATCCTGATAGAGCTGGCCATCGGGGTCGAATCTATCTGGAACCCC
CGACCATGCGTAAGAAGCGACTACTAGACAGAAAGGTACTGCTAAAGTCAGACAGCCCAACAGGTGATGT
TTTACTGGATGAACTCTGAAACACATCAAAGCAACTGAACCCACAGAACTGTCCAAACATGGATAGAG
CTACTCACTGGTGAGACCTGGAACCCCTTCAAATTACAGTACCAGCTGAGAAATGTACGAGAGCGCATCG
CAAAGAACCTAGTAGAGAAAGGTATTCTAACCCTGAGAAGCAGAATTTCTGCTATTTGACATGACTAC
TCATCCAGTGACCAATACAACAGAGAAACAGCGACTAGTGAAAAAATTCAGATAGTGTACTAGAGCGG
TGGTAAATGACCCTCAGCGTATGGACAAGCGAAGCACTAGCACTCCTGGTGCTAGCCCACTCCTCTGATG
TGCTAGAGAATGTCTTCTCCTCTGACAGATGACAAGTATGATGTGGCAATGAATCGAGCCAAGGACTT
AGTAGAACTGGACCTGAAGTGAAGGGACAAAGCCTAGTGCCACAGAAATGATCTGGGCTGTGCTGGCA
GCCTTCAATAAATCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG202398 representing NM_018178
 Red=Cloning site Green=Tags(s)

MTTLTHRARRTEISKNSEKKMESEEDSNWEKSPDNEDSGDSKDIRLTLMEEVLLLGLKDKEGYTSFWNDC
 ISSGLRGGILIELAMRGRIYLEPPTMRKKRLDRKVLKSDSPTGDVLLDETLKHIKATEPTETVQTWIE
 LLTGETWNPFLQYQLRNVREIRAKNLVEKGILTTEKQNFLLFDMTTHPVTNTEKQRLVKKLQDSVLER
 WYNDPQRMDKRTLALLVLAHSSDVLENVSSLTDDKYDVAMNRAKDLVELDPEVEGTGPSATEMIWAVLA
 AFNKS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018178

ORF Size: 855 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_018178.6](#)

RefSeq Size: 3127 bp

RefSeq ORF: 858 bp

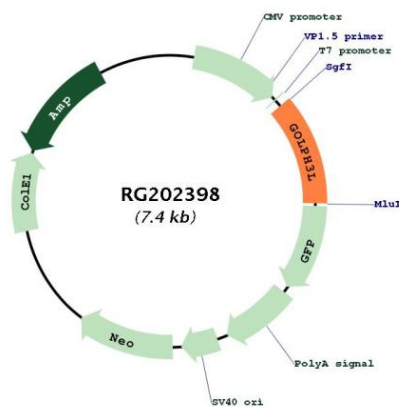
Locus ID: 55204

UniProt ID: [Q9H4A5](#)

Cytogenetics: 1q21.3

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 localized at the Golgi stack and may have a regulatory role in Golgi trafficking. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG202398