

Product datasheet for **RN210458**

Golph3l (NM_001007698) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Golph3l (NM_001007698) Rat Untagged Clone

Tag: Tag Free

Symbol: Golph3l

Synonyms: MGC94181

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN210458 representing NM_001007698
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGACAACATTAAC**T**CACCGGACCCGTCGA**A**CTGAAGTGAGTAAGAGCTGTGAAAAGAAAATAGAAAGTG
AGGAAGACACTAATCAAGAAAGGAGTCCAGATAATGAAGACCCCTGGAGACTCTAAGGATATCCGCCTCAC
TCTTATGGAAGAAGTATTGCTCCTGGGTCTAAAAGATAAAGAGGGCTACACATCTTTCTGGAATGATTGT
ATATCATCTGGGCTTCGAGGAGGCATCCTGATAGAGCTGGCCATGCGGGTCAATCTATCTAGAACCTC
CCACCATGCGTAAGAAGCGACTCCTAGACAGAAAGGTCCTGCTAAAGTCAGACAGCCCAACAGGTGATGT
TTTGCTGGATGAAACGCTCAAACACATTAAGCAACTGAGCCAACAGAACTGTGCAGACGTGGATCGAG
CTACTCACTGGTGAGACATGGAACCCCTTCAAATTACAGTACCAGCTGAGAAATGTACGAGAACGAATTG
CCAAGAACCTGGTAGAAAAGGTATTCTAACCACAGAGAAGCAGAATTTCTGCTGTTTCGACATGACCAC
TCATCCAGTGACTAATACAACAGAGAAACAGCGACTAATGAAAAAGCTTCAAGACAGTGTGCTGGAACGG
TGGGTAATGACCCTCAGCGGATGGACAGGCGAACTGGCGCTCCTGGTGTGGCCACTCCTCCGATG
TGCTGGAGAACGTCTTCTTGTCTTACAGATGATAAGTATGATGTGGCAATGAATCGAACCAAGGACCT
AGTAGAACTGGACCCTGAAGTGAAGGGACAAAGCACAATGCCACAGAGATGATCTGGGCTGTGCTGGCA
GCCTTCAACAAATCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001007698

Insert Size: 858 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001007698.1, NP_001007699.1</u>
RefSeq Size:	1920 bp
RefSeq ORF:	858 bp
Locus ID:	310669
UniProt ID:	<u>Q66H74</u>
Cytogenetics:	2q34
Gene Summary:	Phosphatidylinositol-4-phosphate-binding protein that may antagonize the action of GOLPH3 which is required for the process of vesicle budding at the Golgi and anterograde transport to the plasma membrane.[UniProtKB/Swiss-Prot Function]