

Product datasheet for **SC216010**

GOLPH2 (GOLM1) (NM_016548) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GOLPH2 (GOLM1) (NM_016548) Human 3' UTR Clone
Symbol:	GOLPH2
Synonyms:	bA379P1.3; C9orf155; GOLPH2; GP73; HEL46; PSEC0257
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016548
Insert Size:	1701 bp



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Insert Sequence: >SC216010 3'UTR clone of NM_016548
 The sequence shown below is from the reference sequence of NM_016548. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGCGTGAAAAGCGGAATCATACACTCTGAATTGAACTGGAATCACATATTTACAACAGGGCCGAAGA
GATGACTATAAAATGTTTCATGAGGGACTGAATACTGAAAAGTGTAAATGTAATAAAATGTACAT
CTGAAGATGATTATTGTGAAATTTAGTATGCACTTTGTGTAGGAAAAATGGAATGGTCTTTTAAACA
GCTTTTGGGGGTACTTTGGAAGTGTCTAATAAGGTGTCACAATTTTGGTAGTAGGATTTTCGTGAGA
AGTTCAACACCAAACTGGAACATAGTTCTCCTCAAGTGTGGCGACAGCGGGCTTCTGATTCTGG
AATATACTTTGTGTAATTAACAGCCACCTATAGAAGAGTCCATCTGCTGTGAAGGAGAGACAGAGAA
CTCTGGGTCCGTCGTCCTGTCCACGTGCTGTACCAAGTGTGGTCCAGCCTGTACCTGTTCTCACT
GAAAAGTCTGGCTAATGCTCTTGTGTAGTCACTTCTGATTCTGACAATCAATCAATGCGCTAGAG
CACTGACTGTTAACACAAACGCTACTAGCAAAGTAGCAACAGCTTAAAGTCTAAATACAAAGCTGTTCT
GTGTGAGAATTTTTTAAAGGCTACTTGTATAATAACCCTTGTCATTTTTAATGTACAAAACGCTATTA
AGTGGCTTAGAATTTGAACATTTGTGGTCTTTATTACTTTGCTTCGTGTGTGGGCAAAGCAACATCTT
CCCTAAATATATATTACCAAGAAAAGCAAGAAGCAGATTAGGTTTTTGACAAAACAAACAGGCCAAAAG
GGGGCTGACCTGGAGCAGAGCATGGTGAGAGGCAAGGCATGAGAGGGCAAGTTTGTGTGGACAGATCT
GTGCTACTTTTACTGGAGTAAAAGAAAACAAAGTTTCAATGATGTCGAAGGATATACAGTGTAG
AAATTAGGACTGTTTAGAAAAACAGGAATACAATGGTTGTTTTATCATAGTGTACACATTTAGCTTGT
GGTAAATGACTCACAAAACGATTTTAAAATCAAGTTAATGTGAATTTTAAAATTACTACTTAATCCT
AATTCACAATAACAATGGCATTAAAGTTTTGACTTGAGTTGGTTCTTAGTATTATTTATGGTAAATAGGC
TCTTACCCTTGCAAATAACTGGCCACATCATTAACTGACTGACTTCCCAGTAAGGCTCTCTAAGGGGTA
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AGAGGGGAAAAATGGGGCTAGAAGTTACAGAGCATCTAGCTGGTGCCTGGCACCCCTGGCTCACACA
GACTCCCGAGTAGCTGGGACTACAGGCACACAGTCACTGAAGCAGGCCCTGTTGCAATTCACGTTGCC
ACCTCAAACCTAAACATTTCTCATATGTGATGTCCTTAGTCACTAAGGTTAACTTTCCACCCAGAAA
AGGCAACTTAGATAAAATCTTAGAGTACTTTCATACTCTTCTAAGTCTCTTCCAGCCTCACTTTGAGT
CCTCCTTGGGGTTGATAGGAATTTCTCTTGTCTTCTCAATAAAGTCTCTATTTCATCTCATGTTAATT
TGTACGCATAGAATTGCTGAGAAATAAAATGTTCTGTTCAACTTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_016548.4](#)

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]

Locus ID:

51280

MW:

64.3