

## Product datasheet for **SC216009**

### **GOLPH2 (GOLM1) (NM\_177937) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	GOLPH2 (GOLM1) (NM_177937) Human 3' UTR Clone
Symbol:	GOLPH2
Synonyms:	bA379P1.3; C9orf155; GOLPH2; GP73; HEL46; PSEC0257
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_177937
Insert Size:	1701 bp



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**Insert Sequence:** >SC216009 3'UTR clone of NM\_177937  
 The sequence shown below is from the reference sequence of NM\_177937. 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
CAGCGTGAAAAGCGGAATCATACACTCTGAATTGAACTGGAATCACATATTTCAACAACAGGGCCGAAGA
GATGACTATAAAATGTTTCATGAGGGACTGAATACTGAAAAGTGTAAATGTAATAAAATGTACAT
CTGAAGATGATTATTGTGAAATTTAGTATGCACTTTGTGTAGGAAAAATGGAATGGTCTTTTAAACA
GCTTTTGGGGGTACTTTGGAAGTGTCTAATAAGGTGTCACAATTTTGGTAGTAGGATTTTCGTGAGA
AGTTCAACACCAAACTGGAACATAGTTCTCCTCAAGTGTGGCGACAGCGGGCTTCTGATTCTGG
AATATACTTTGTGTAATTAACAGCCACCTATAGAAGAGTCCATCTGCTGTGAAGGAGAGACAGAGAA
CTCTGGGTCCGTCGTCCTGTCCACGTGCTGTACCAAGTGTGGTCCAGCCTGTACCTGTTCTCACT
GAAAAGTCTGGCTAATGCTCTTGTGTAGTCACTTCTGATTCTGACAATCAATCAATCAATGGCCTAGAG
CACTGACTGTTAACACAAACGTCACTAGCAAAGTAGCAACAGCTTAAAGTCTAAATACAAAGCTGTTCT
GTGTGAGAATTTTTTAAAGGCTACTTGTATAATAACCCTTGTCATTTTTAATGTACAAAACGCTATTA
AGTGGCTTAGAATTTGAACATTTGTGGTCTTTATTACTTTGCTTCGTGTGTGGGCAAAGCAACATCTT
CCCTAAATATATATTACCAAGAAAAGCAAGAAGCAGATTAGGTTTTTGACAAAACAAACAGGCCAAAAG
GGGGCTGACCTGGAGCAGAGCATGGTGAGAGGCAAGGCATGAGAGGGCAAGTTTGTGTGGACAGATCT
GTGCTACTTTTACTGGAGTAAAAGAAAACAAAGTTTCAATGATGTGCGAAGGATATACAGTGTAG
AAATTAGGACTGTTTAGAAAAACAGGAATACAATGGTTGTTTTATCATAGTGTACACATTTAGCTTGT
GGTAAATGACTCACAAAACGATTTTAAAATCAAGTTAATGTGAATTTTAAAATTACTACTTAATCCT
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AGTAGGAGGATCCACAGGATTTGAGATGCTAAGGCCCCAGAGATCGTTTGATCCAACCCTTTATTTTC
AGAGGGGAAAAATGGGGCTAGAAGTTACAGAGCATCTAGCTGGTGCCTGGCACCCCTGGCCTCACACA
GACTCCCGAGTAGCTGGGACTACAGGCACACAGTCACTGAAGCAGGCCCTGTTGCAATTCACGTTGCC
ACCTCAAACCTAAACATTTTCATATGTGATGTCCTTAGTCACTAAGGTTAACTTTCCACCCAGAAA
AGGCAACTTAGATAAAATCTTAGAGTACTTTCATACTCTTCAAGTCTCTTCCAGCCTCACTTTGAGT
CCTCCTTGGGGTTGATAGGAATTTCTCTTGTCTTCTCAATAAAGTCTCTATTCACTCATGTTTAATT
TGTACGCATAGAATTGCTGAGAAATAAAATGTTCTGTTCAACTTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_177937.3](#)

**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