

Product datasheet for **MC228667**

Golim4 (NM_001291069) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Golim4 (NM_001291069) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Golim4
Synonyms:	3110027H23Rik; GIMPC; Golph4; GPP130; P138
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228667 representing NM_001291069
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGGAAACGGGATGTGCTCCCGAAAGCAGAAGCGGATCTCCAGACGCTGCTGTTCTCACGGTGGTCT
TCGGCTTCTCTATGGCGCGATGCTCTACTTGGAACTGCAGACGAGCTGCGCAAAGCTGAGGCAGTGGC
GCTCAAGTACCAGCAGCACCAGGACTCTCTCTGCCCCAGTTGCAAGTTGTATATGAACACAGATCAAGA
TTAGAGAAATCTTTGCAAAAAGAAAGGCTTGAACACAAGAAAGCAAAGGAAGATTTCTTGTTTATAAGT
TAGAAGACAAGAAACACTTAACAAAGGAAGGCAAGATTCCAATAGCAGATATAGTGCATTGAATGTCCA
ACATCAGATGCTGAAAAGTCAGCATGAGGAGCTGAGGAAGCAGCACAGTGACCTGGAAGAGGAACACCGG
AAGCAAGGGGAAGACTTCAGTAGAACGTTCAATGACCACAAGCAGAGATACCTGCAGCTTCAGCAAGAAA
AGGAACAAGAATTTCTAAGCTAAAAGAACTGTATATAATTTGAGAGAAGAGAATAGACAATAAGAAA
AGCACACCAAGACATTCACACACAGCTCAAGACGTCAAGCAACAGCATAAGAATTTACTCTCCGAGCAT
GAACAGCTTGTAGTGACTTTGGAAGACCACAAGAGTGCAGTGGCTGCTGCGCAGACTCAAGTTGCAAGAT
ATAAACAACTGAAAGATACACTGAACAGGATTCGAAGCTTTGCAATCCTGACCCAGTCGAGCAGCAAAA
TGTCACCTTTCCCATGGGACTCACCTCCTCAAGGTTACAACGGAAGAGAGAAGCTGACAGGAGAGCTC
CAAGAGGTGCAGCCGAATCACGAAGCAGGGCCTAGAAGAATGGAAGAGAAACCTCTGTCTTCCATGCAGA
AGGATGCAGGATTCAGGCTCTAGAAGAGCAGAATCAAGTGAACCCAGAGAGCCAGAGGAGCGTCAAGT
GGAAGAGGAACACAGGAAGGCACTGGAGGAGGAGAGATGGAGCAGGTGGGCGAGGCGGAGCATCTGGAG
GAAGAACACGACCCATCACAGAGGAGCAGGATCGAGACTGGCGGGATCAGCAGGGACAGAATGCAGCCC
ACCTTCTGGATGGCCACCCTCAAGCTGAGGTGGAGCATTCGACCAAGGCAGCTACAACTTCCAATCCCC
ATATGAGGAACAGTTGGAACAGCAGAGGCTGGCAGCGAGGAGAGATGAGGAAGCCAGCGGCTGAGAGAA
CATCAGGAAGCCTTGACCAACAGAGGCTCCATGGGCAGTTGCTAAGACAACAGCAGCAGCAACAGTTCC
TGGCCAGAGAGATGGCTCAGCAGAAGCAGGTAGCCATGAAGATGGCCAGCAGCAGCACCAGGAGCAGCT
AAGGCAGCAAGCTCATTACAATGCTGTGGAGAATGACATCGCACAGGGAGTCGAGGACCAGGGAATCCCC
GAAGAAGAGGGAGGTGCCTATGACAGAGATAACCAGCGCCAAGATGAAGCTGAAGGAGACCCAGGCAACA
GACAGGAACTTCGTGAACCAGGACACCAAGAAGCGACCCTGAAGTTGAAGCAGATAGGGCAGCTGTGGA
GGATATAAACCCAGCAGATGACCCCAACAATCAAGGCGAAGATGAATTTGAGGAAGCCGAGCAAGTGAGA
GAAGAAAATTTGCCAGAGGAAAGTGAAGAGCAAAAACAAGCGAAGCAAAGCAAGGGAATGTAGAATGG
ATGAGCACTTGGTGTGTCAGGGAATCCAGACCAGCAGGAGGATAATGTTGATGAGCAGTATCAGGACGA
AGGAGAGGAAGAGGTTCAAGGAAGATCTGACTGAAGAGAAAAACGGGAAATGGAGCATAATGTTGAAGAG
ACATATGGTGAACATCCTGATGATAAGAATAATGATGGTGAAGAACAAGGAGTTCACAACAGGGCGCATC
CTAAAGGAAGACAGGAGCATTATGAGGAGGAGGAAGATGAAGAAGACGGGGCTGCTGTTGCTGAGAAATC
ACATCGCAGAGCTGAAATGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001291069

Insert Size: 2052 bp

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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
RefSeq:	NM_001291069.1 , NP_001277998.1
RefSeq Size:	4551 bp
RefSeq ORF:	2052 bp
Locus ID:	73124
UniProt ID:	D3YVW2
Gene Summary:	<p>Plays a role in endosome to Golgi protein trafficking; mediates protein transport along the late endosome-bypass pathway from the early endosome to the Golgi.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>