

## Product datasheet for **SC335392**

### C1orf85 (GLMP) (NM\_001256608) Human Untagged Clone

#### Product data:

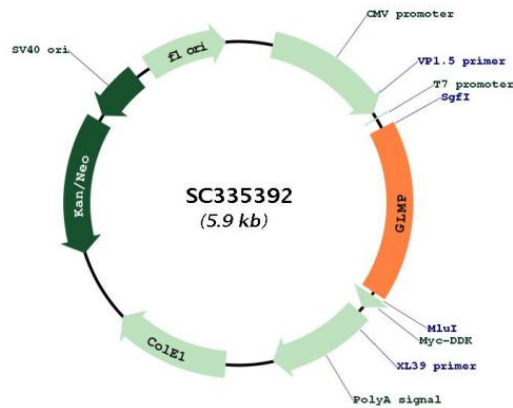
|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | C1orf85 (GLMP) (NM_001256608) Human Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | GLMP   |
| Synonyms:                 | C1orf85; NCU-G1  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >SC335392 representing NM_001256608.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCGGCTCTGTGGAGTGCACCTGGGGTTGGGGCACTGTGCCCCAGCCCCCTGCTCCTTTGGACT
CTACTTCTGTTTGCAGCCCCATTTGGCCTGCTGGGGGAGAAGACCCGCCAGGTGTCTCTGGAGGTATC
CCTAACTGGCTGGGCCCTGCAGAACCTGCTTCATATACGGGCAGTGGGCACCAATTCACACTGCAC
TATGTGTGGAGCAGCCTGGGGCTCTGGCAGTGGTAATGGTGGCCACCAACCCCCACAGCACCTG
AGCGTCAACTGGAGCCTCTGCTATCCCCTGAGCCGATGGGGCCTGATGGTGTCCCTAAGGACAGC
ATTCAGTTTTCTTCTGCCCTTGTGGTACCAGGCTGCTTGAGTTTGACAGCACCAACGTGTCCGATACG
GCAGCAAAGCCTTTGGGAAGACCATATCCTCCATCTCCTTGGCCGATTTCTCTTGAACAACATCACT
GATTCATTGGATCCTGCCACCCTGAGTGCCACATTTCAAGGCCACCCCATGAACGACCCTACCAGGACT
TTTGCCAATGGCAGCCTGGCCTTCAGGGTCCAGGCCTTTTCCAGGTCCAGCCGACCCAGCCCAACCCCT
CGCCTCTGCACACAGCAGACACCTGTCAGCTAGAGGTGGCCCTGATTGGAGCCTCTCCCGGGGAAAC
CGTTCCCTGTTTGGGCTGGAGGTAGCCACATTTGGGCCAGGGCCCTGACTGCCCTCAATGCAGGAGCAG
CACTCCATCGACGATGAATATGCACCGCCGCTCTCCAGTTCGATGCTCCTGGGTGTGGGCTTCCCTCC
AGTGGACGGCTTGTCCCCACTAGTCTGGGCATCATGGCAGTGGCCCTGGGTGCCCGAGGCTCATGCT
GCTAGGGGGCGGCTTGGTTCTGCTGCTGCACCACAAGAAGTACTCAGAGTACCAGTCCATAAATTAAGG
CCCGCTCTCTGGAGGGAAGGACATTACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

**Plasmid Map:**


**ACCN:** NM\_001256608

**Insert Size:** 996 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).

**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:** [NM\\_001256608.1](#)

**RefSeq Size:** 1373 bp

**RefSeq ORF:** 996 bp

**Locus ID:** 112770

**Cytogenetics:** 1q22

**Protein Families:** Transmembrane

**MW:** 35.6 kDa

**Gene Summary:** Required to protect lysosomal transporter MFSD1 from lysosomal proteolysis and for MFSD1 lysosomal localization.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (4) lacks an exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (4) is shorter and has a distinct C-terminus, compared to isoform 1.