

## Product datasheet for SC335318

### C1orf85 (GLMP) (NM\_001256605) Human Untagged Clone

#### Product data:

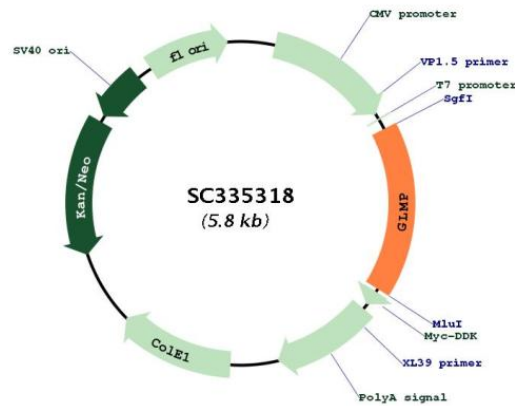
Product Type:	Expression Plasmids
Product Name:	C1orf85 (GLMP) (NM_001256605) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLMP
Synonyms:	C1orf85; NCU-G1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335318 representing NM_001256605. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCGGCTCTGTGGAGTGACCTGGGGTTGGGGGCACTGTGCCCCAGCCCCCTGCTCCTTTGGACT
CTACTTCTGTTTGCAGCCCCATTTGGCCTGCTGGGGGAGAAGACCCGCCAGCTGCTTGAGTTTGACAGC
ACCAACGTGTCCGATACGGCAGCAAAGCCTTTGGGAAGACCATATCCTCCATACTCCTTGGCCGATTTT
TCTTGGAAACAACATCACTGATTCATTGGATCCTGCCACCCTGAGTGCCACATTTCAAGGCCACCCCATG
AACGACCCTACCAGGACTTTTGCCAATGGCAGCCTGGCCTTCAGGGTCCAGGCCTTTCCAGGTCCAGC
CGACCAGCCAAACCCCTCGCCTCCTGCACACAGCAGACACCTGTGAGTGTAGAGGTGGCCCTGATTGGA
GCCTCTCCCCGGGAAACCGTTCCTGTTTGGGCTGGAGGTAGCCACATTGGGCCAGGGCCCTGACTGC
CCCTCAATGCAGGAGCAGCACTCCATCGACGATGAATATGCACCGGCCGTCTTCCAGTTGGACCAGCTA
CTGTGGGGCTCCCTCCCATCAGGCTTTGCACAGTGGCGACCAGTGGCTTACTCCCAGAAGCCGGGGGC
CGAATCAGCCCTGCCCTGCCAAGCTTCCCTCTTATCCTGCCTTAGCATACTCTTCCCCAGTCA
CCCATTGTCGAGCCTTCTTTGGGTCCCAGAATAAATTCTGTGCCTTCAATCTGACGTTCCGGGGCTTCC
ACAGGCCCTGGCTATTGGGACCAACACTACCTCAGCTGGTCGATGCTCCTGGGTGTTGGGCTTCCCTCCA
GTGGACGGCTTGTCCCCTAGTCTGGGCATCATGGCAGTGGCCCTGGGTGCCCCAGGGCTCATGCTG
CTAGGGGGCGGCTTGGTCTGTGCTGCACCACAAGAAGTACTCAGAGTACCAGTCCATAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001256605

**Insert Size:** 963 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\\_001256605.1](#)

**RefSeq Size:** 1372 bp

**RefSeq ORF:** 963 bp

**Locus ID:** 112770

**Cytogenetics:** 1q22

**Protein Families:** Transmembrane

**MW:** 34.6 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 (3) lacks an exon in the 5' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.