

Product datasheet for **SC335586**

C1orf85 (GLMP) (NM_001256604) Human Untagged Clone

Product data:

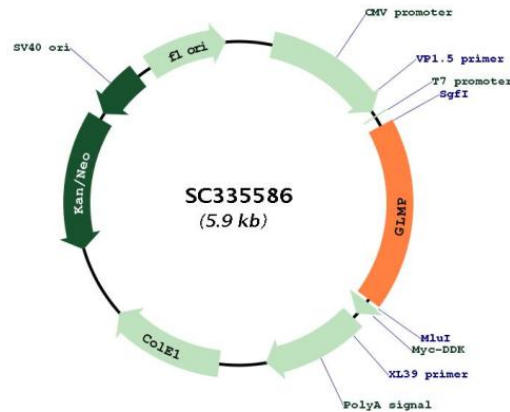
Product Type:	Expression Plasmids
Product Name:	C1orf85 (GLMP) (NM_001256604) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLMP
Synonyms:	C1orf85; NCU-G1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335586 representing NM_001256604. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCGGCTCTGTGGAGTGACCTGGGGTTGGGGGCACTGTGCCCCAGCCCCCTGCTCCTTTGGACT
CTACTTCTGTTTGCAGCCCCATTTGGCCTGCTGGGGGAGAAGACCCGCCAGGTGTCTCTGGAGGTATC
CCTAAGTGGCTGGGCCCTGCAGAACCTGCTTACATACGGGCAGTGGGCACCAATTCCACTGCAC
TATGTGTGGAGCAGCCTGGGGCTCTGGCAGTGGTAATGGTGGCCACCAACACCCCCACAGCACCTG
AGCGTCAACTGGAGCCTCTGCTATCCCCTGAGCCGATGGGGCCTGATGGTGTCCCTAAGGACAGC
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GCAGCAAAGCCTTTGGGAAGACCATATCCTCCATCTCCTTGGCCGATTTCTCTTGAACAACATCACT
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CGCCTCTGCACACAGCAGACACCTGTCAGCTAGAGGTGGCCCTGATTGGAGCCTCTCCCGGGGAAAC
CGTTCCCTGTTTGGGCTGGAGGTAGCCACATTTGGGCCAGGGCCCTGACTGCCCTCAATGCAGGAGCAG
CACTCCATCGACGATGAATATGCACCGCCGCTCTCCAGTCACCCATTGTCCGAGCCTCTTTGGGTCC
CAGAATAACTTCTGTGCCTTCAATCTGACGTTCCGGGCTTCCACAGGCCCTGGCTATTGGGACCAACAC
TACCTCAGTGGTGCATGCTCCTGGGTGTGGCTTCCCTCCAGTGGACGGCTTGTCCCCTAGTCTCTG
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CACCACAAGAAGTACTCAGAGTACCAGTCCATAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001256604

Insert Size: 1074 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_001256604.1](#)

RefSeq Size: 1483 bp

RefSeq ORF: 1074 bp

Locus ID: 112770

Cytogenetics: 1q22

Protein Families: Transmembrane

MW: 38.6 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 (2) uses an alternate splice site in the 3' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.