

Product datasheet for **SC330467**

C1orf85 (GLMP) (NM_001256609) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf85 (GLMP) (NM_001256609) Human Untagged Clone
Tag: Tag Free
Symbol: GLMP
Synonyms: C1orf85; NCU-G1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330467 representing NM_001256609.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

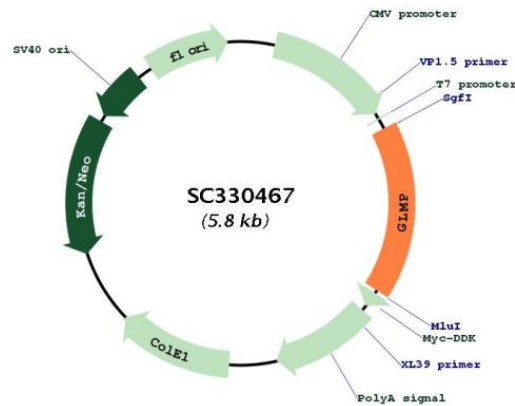
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ATGGTGGCCACCAACACCCCCACAGCACCCCTGAGCGTCAACTGGAGCCTCCTGCTATCCCCTGAGCCC  
GATGGGGGCTGATGGTGTCCCTAAGGACAGCATTTCAGTTTTCTCTGCCCTTGTTCCTACCAGGCTG  
CTTGAGTTTGACAGCACCAACGTGTCCGATACGGCAGCAAAGCCTTTGGGAAGACCATATCCTCCATAC  
TCCTTGCCGATTTCTCTTGAACAACATCACTGATTTCATTGGATCCTGCCACCCTGAGTGCCACATTT  
CAAGGCCACCCCATGAACGACCTACCAGGACTTTTGCCAATGGCAGCCTGGCCTTCAGGGTCCAGGCC  
TTTTCCAGGTCCAGCCGACCAGCCCAACCCCTCGCCTCCTGCACACAGCAGACACTGTCAGCTAGAG  
GTGGCCCTGATTGGAGCCTCTCCCGGGGAAACCGTTCCCTGTTTGGGCTGGAGGTAGCCACATTGGGC  
CAGGGCCCTGACTGCCCTCAATGCAGGAGCAGCACTCCATCGACGATGAATATGCACCGCCGCTTTC  
CAGTTGGACCAGCTACTGTGGGGCTCCCTCCCATCAGGCTTTGCACAGTGGCGACCAGTGGCTTACTCC  
CAGAAGCCGGGGGCGGAGAATCAGCCCTGCCCTGCCAAGCTTCCCCTCTTCATCCTGCCTTAGCATA  
TCTCTTCCCAGTCACCCATTGTCCGAGCCTTCTTGGGTCCCAGAATAACTTCTGTGCCTCAATCTG  
ACGTTCCGGGCTCCACAGGCCCTGGCTATTGGGACCAACACTACCTCAGCTGGTCGATGCTCCTGGGT  
GTGGGCTTCCCTCCAGTGGACGGCTTGTCCCCTAGTCTGGGCATCATGGCAGTGGCCCTGGGTGCC  
CCAGGGCTCATGCTGCTAGGGGGCGGCTTGGTTCTGCTGCTGCACCACAAGAAGTACTCAGAGTACCA  
TCCATAAATAA
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001256609

Insert Size: 978 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_001256609.1](https://www.ncbi.nlm.nih.gov/RefSeq/ accession.html?acc=NM_001256609.1)

RefSeq Size:	1859 bp
RefSeq ORF:	978 bp
Locus ID:	112770
UniProt ID:	Q8WWB7
Cytogenetics:	1q22
Protein Families:	Transmembrane
MW:	35 kDa
Gene Summary:	<p>Required to protect lysosomal transporter MFSD1 from lysosomal proteolysis and for MFSD1 lysosomal localization.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) uses an alternate splice site in the 5' region and initiates translation at a downstream, in-frame start codon, compared to variant 1. The encoded isoform (5) has a shorter N-terminus, compared to isoform 1.</p>