

Product datasheet for **RG232485**

C1orf85 (GLMP) (NM_001256609) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf85 (GLMP) (NM_001256609) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GLMP
Synonyms:	C1orf85; NCU-G1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG232485 representing NM_001256609 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGCCACCAACACCCCCACAGCACCCCTGAGCGTCAACTGGAGCCTCCTGCTATCCCCTGAGCCCG
ATGGGGGCTGATGGTGTCCCTAAGGACAGCATTAGTTTTCTTCTGCCCTTGTTCCTACCAGGCTGCT
TGAGTTTGACAGCACCAACGTGTCCGATACGGCAGCAAAGCCTTTGGGAAGACCATATCCTCCATACTCC
TTGGCCGATTTCTTTGGAACAACATCACTGATTGATCATTGGATCCTGCCACCCTGAGTGCCACATTTCAAG
GCCACCCATGAACGACCCTACCAGGACTTTTGGCAATGGCAGCCTGGCCTTCAGGGTCCAGGCCTTTTC
CAGGTCCAGCCGACCAGCCCAACCCCTCGCCTCCTGCACACAGCAGACACCTGTAGGAGGTGGCC
CTGATTGGAGCCTCTCCCGGGGAAACCGTTCCCTGTTTGGGCTGGAGGTAGCCACATTGGGCCAGGGCC
CTGACTGCCCTCAATGCAGGAGCAGCACTCCATCGACGATGAATATGCACCGGCCGCTTCCAGTTGGA
CCAGCTACTGTGGGGCTCCCTCCCATCAGGCTTTGCACAGTGGCGACCAGTGGCTTACTCCAGAAGCCG
GGGGCCGAGAATCAGCCCTGCCCTGCCAAGCTTCCCTCTTATCCTGCCTTAGCATACTCTTCCCC
AGTACCCATTGTCGAGCCTTCTTTGGGTCCAGAATAACTTCTGTGCCTCACTGACGTTCCGGGC
TTCCACAGGCCCTGGCTATTGGGACCAACTACCTCAGCTGGTCGATGCTCCTGGGTGTGGGCTCCCT
CCAGTGGACGGCTTGTCCCCTAGTCTGGGCATCATGGCAGTGGCCCTGGGTGCCAGGGCTCATGC
TGCTAGGGGGCGGCTTGTTCTGCTGCTGCACCACAAGAAGTACTCAGAGTACCAGTCCATAAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG232485 representing NM_001256609
 Red=Cloning site Green=Tags(s)

MVATNTPHSTLSVNWSLLLSPEDGGLMVLPKDSIQFSSALVFTRLLEFDSTNVSDTAAPLGRPYPPYS
 LADFSWNNITDSLDPATLSATFQGHMNDPTRTFANGSLAFRVQAFSRSSRPAQPPLLHTADTCQLEVA
 LIGASPRGNRSLFGLLEVATLGGQPDPCSMQEQHSIDDEYAPAVFQLDQLLWGLSPSGFAQWRPVAYSQKP
 GGRESALPCQASPLHPALAYSLPQSPIVRAFFGSQNNFCANLTFGASTGPGYWDQHLYLSWSMLLGVGFP
 PVDGLSPLVLGIMAVALGAPGLMLLGGGLVLLLHHKKYSEYQSIN

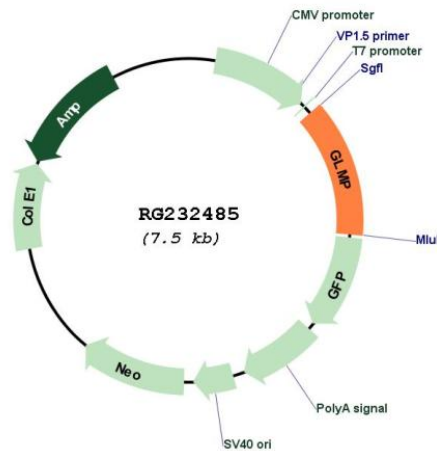
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001256609

ORF Size: 975 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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 , NP_001243538.1
RefSeq Size:	1859 bp
RefSeq ORF:	978 bp
Locus ID:	112770
UniProt ID:	Q8WWB7
Cytogenetics:	1q22
Protein Families:	Transmembrane
Gene Summary:	Required to protect lysosomal transporter MFSD1 from lysosomal proteolysis and for MFSD1 lysosomal localization.[UniProtKB/Swiss-Prot Function]