

Product datasheet for **RC237692**

C1orf85 (GLMP) (NM_001256604) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf85 (GLMP) (NM_001256604) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: GLMP
Synonyms: C1orf85; NCU-G1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC237692 representing NM_001256604
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGCGGCTCTGTGGAGTGCACCTGGGGTTGGGGCACTGTGCCCCAGCCCCCTGCTCCTTTGGACTC
TACTTCTGTTTGCAGCCCCATTTGGCCTGCTGGGGGAGAAGACCCGCCAGGTGTCTCTGGAGGTCATCCC
TAACTGGCTGGGCCCCGTCAGAACCTGCTTCATATACGGGCAGTGGGCACCAATCCACACTGCACTAT
GTGTGGAGCAGCCTGGGGCCTCTGGCAGTGGTAATGGTGGCCACCAACACCCCCACAGCACCCCTGAGCG
TCAACTGGAGCCTCCTGTATCCCTGAGCCCGATGGGGCCTGATGGTCTCCCTAAGGACAGCATTCA
GTTTTCTCTGCCTTGTTTTACCAGGCTGCTTGAGTTTGACAGCACCAACGTGTCCGATACGGCAGCA
AAGCCTTTGGGAAGACCATATCTCCATACTCCTTGCCGATTTCTCTTGGAAACAACATCACTGATTCAT
TGGATCCTGCCACCCTGAGTGCCACATTTCAAGGCCACCCCATGAACGACCCTACCAGGACTTTTGCCAA
TGGCAGCCTGGCCTTCAGGGTCCAGGCCTTTCCAGGTCCAGCCGACCAGCCCAACCCCTCGCCTCCTG
CACACAGCAGACACCTGTCAGCTAGAGGTGGCCCTGATTGGAGCCTCTCCCGGGGAAACCGTTCCCTGT
TTGGGCTGGAGGTAGCCACATTGGGCCAGGGCCCTGACTGCCCCAATGCAGGAGCAGCACTCCATCGA
CGATGAATATGCACCGGCCGCTTCCAGTCACCCATTGTCCGAGCCTTCTTTGGGTCCCAGAATAACTTC
TGTGCCTCAATCTGACGTTCCGGGCTTCCACAGGCCCTGGCTATTGGGACCAACACTACCTCAGCTGGT
CGATGCTCCTGGGTGTGGGCTTCCCTCCAGTGGACGGCTTGCCCCACTAGTCTGGGCATCATGGCAGT
GGCCCTGGGTGCCAGGGCTCATGCTGCTAGGGGGCGGCTTGGTTCTGCTGCTGCACCACAAGAAGTAC
TCAGAGTACCAGTCCATAAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC237692 representing NM_001256604
Red=Cloning site Green=Tags(s)

MRGSVECTWGWGHCAPSPLLLWTLFFFAPFGLLGKTRQVSLEVIPNWLGPLQNLLHIRAVGTNSTLHY
 VWSSLGPLAVVMVATNTPHSTLSVNWSLLLSPEDGGLMVLPKDSIQFSSALVFRLLLEFDSTNVSDTAA
 KPLGRPYPPYSLADFSWNNITDSLDPATLSATFQGHMNDPTRTFANGSLAFRVQAFSRSSRPAQPPRL
 HTADTCQLEVALIGASPRGNRSLFGLEVATLGGPDPCSMQEQHSIDDEYAPAVFQSPIVRAFFGSQNNF
 CAFNLTFGASTGPGYWDQHLYLSWSMLLGVGFPVVDGLSPLVLGIMAVALGAPGLMLLGGGLVLLLHHKKY
 SEYQSIN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

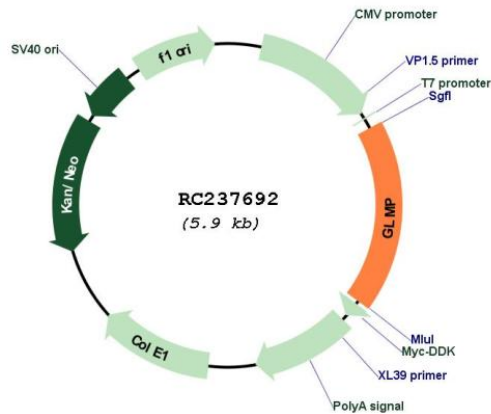
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001256604

ORF Size:	1071 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_001256604.1 , NP_001243533.1
RefSeq Size:	1483 bp
RefSeq ORF:	1074 bp
Locus ID:	112770
Cytogenetics:	1q22
Protein Families:	Transmembrane
MW:	39 kDa
Gene Summary:	Required to protect lysosomal transporter MFSD1 from lysosomal proteolysis and for MFSD1 lysosomal localization.[UniProtKB/Swiss-Prot Function]