

Product datasheet for **SC100930**

C1orf85 (GLMP) (NM_144580) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf85 (GLMP) (NM_144580) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf85
Synonyms:	C1orf85; NCU-G1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_144580, the custom clone sequence may differ by one or more nucleotides

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ATGCGCGGCTCTGTGGAGTGACCTGGGGTTGGGGGCACTGTGCCCCAGCCCCCTGCTCCTTTGGACTC
TACTTCTGTTTGCAGCCCCATTTGGCCTGCTGGGGGAGAAGACCCGCCAGGTGTCTCTGGAGGTCATCCC
TAAGTGGCTGGGCCCCCTGCAGAACCTGCTTCATATACGGGCAGTGGGCACCAATTCCACACTGCACTAT
GTGTGGAGCAGCCTGGGGCCTCTGGCAGTGGAATGGTGGCCACCAACACCCCCACAGCACCTGAGCG
TCAACTGGAGCCTCCTGCTATCCCCCTGAGCCCGATGGGGGCTGATGGTGTCTCCCTAAGGACAGCATTCA
GTTTTCTCTGCCCTTGTGTTTTACCAGGCTGCTTGAGTTTGACAGCACCAACGTGTCCGATACGGCAGCA
AAGCCTTTGGGAAGACCATATCCTCCATACTCCTTGCCGATTTCTCTTGAACAACATCACTGATTCAT
TGGATCCTGCCACCCTGAGTGCCACATTTCAAGGCCACCCCATGAACGACCTACCAGGACTTTTGCCAA
TGGCAGCCTGGCCTTCAGGGTCCAGGCCTTTTCCAGGTCCAGCCGACCAGCCCAACCCCCCTCGCCTCCTG
CACACAGCAGACACCTGTGAGTAGAGGTGGCCCTGATTGGAGCCTCTCCCCGGGGAAACCGTTCCCTGT
TTGGGCTGGAGGTAGCCACATTGGGCCAGGGCCCTGACTGCCCTCAATGCAGGAGCAGCACTCCATCGA
CGATGAATATGCACCGGCCCTTCCAGTTGGACCAGCTACTGTGGGGCTCCCTCCCATCAGGCTTTGCA
CAGTGGCGACCACTGGCTTACTCCAGAAGCCGGGGGCGGAGAATCAGCCCTGCCCTGCCAAGCTTCCC
CTCTTCATCCTGCCTTAGCATACTCTCTCCCCAGTCACCCATTGTCCGAGCCTTCTTTGGGTCCAGAA
TAATTCTGTGCCTTCAATCTGACGTTCCGGGGCTTCCACAGGCCCTGGCTATTGGGACCAACACTACCTC
AGCTGGTCGATGCTCCTGGGTGTGGGCTTCCCTCCAGTGACGGCTTGTCCCCACTAGTCCTGGGCATCA
TGGCAGTGGCCCTGGGTGCCCCAGGGCTCATGCTGCTAGGGGGCGGCTTGGTTCTGCTGCTGCACCACAA
GAAGTACTCAGAGTACCAGTCCATAAATTA
  
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Restriction Sites:	NotI-NotI
ACCN:	NM_144580


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Insert Size:	2000 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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_144580.1 , NP_653181.1
RefSeq Size:	1603 bp
RefSeq ORF:	1221 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] Transcript Variant: This variant (1) encodes the longest isoform (1).