

## Product datasheet for **MC205772**

### Glmp (NM\_020003) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Glmp (NM\_020003) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Glmp  
**Synonyms:** 0610031J06Rik; AB027141; NCU-G1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC021547

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GCAGAGTTGAAGTCTGCTGTATGTTTCGCTGTTGGGGACCTCACTGGGGCTGGTCCCCTGTGCC
CCTACCCCATGGCTCCTTTGAGTCTACTTGTGTGTTTCAGCTCCATTTGGCCTGCAGGGAGAAGAGACTC
GCCAGGTATCTATGGAGTTATTTCCGGCTGGCCAAATCCACAGAACCTGCTTCATATTCGGGCAGTGGG
CAGCAACTCCACCTGCACTATGTGTGGAGCAGCCTGGGGCCTCCAGCTGTGGTGTGGTGGCCACTAAC
ACCACTCAGAGTGTCTGAGTGTCAACTGGAGTCTCCTGCTGTCTCCCGATCCTGCTGGGGCCTGATGG
TGCTCCCCAAGAGCAGCATACAGTTTTCTCTGCTCTCGTCTTACCAGGCTGCTTGAGTTTGACAGCAC
CAATGCGTCCGAGGGGGCACAGCCTCCAGGAAAGCCATACCCTCCGTAAGTCTTGGCCAAGTTCTCCTGG
AACAAATACCAACTCATTGGATCTTGCCAACCTGAGTGCCGATTTTCAAGGCCGCCCTGTAGATGATC
CTACTGGAGCATTGCAATGGCAGCCTGACCTTCAAGGTCCAAGCCTTTCTAGATCTGGTCGACCTGC
TCAGCCCCCTCGCCTCCTGCACACAGCAGATGTCTGCCAGTTAGAAGTGGCCCTGGTTGGAGCTTCTCCT
CGTGAAAACCATTCCTATTTGGTCTAGAGGTAGCCACCTTGGGACAGGGCCCTGACTGCCCTCAGTGA
ACGAACGGAACCTCCATCGATGATGAATATGCACCTGCCGTCTTCCAGCTGAACCAAGCTGTTATGGGGCTC
TTCTCCATCTGGCTTCATGCAATGGCGACCAGTGGCTTTCTCTGAGGAGGAGCGGGCCCCGAGAATCAGCC
CTCCCCTGCCAGGCTTCCACTCTTCACTCCACCTTGGCATCTTCTCTCCCTCATTACCAATTGTTCAAG
CCTTCTTCCGGTCCCAGAACAATTCTGTGCCTTCAATCTGACCTTTGGGGCTCCACAGGGCCCTGGCTA
CTGGGACCAATACTACCTTTGCTGGTCAATGCTTCTGGGCATGGGCTTCCCTCCGGTGGATATCTTCTCT
CCACTAGTCTCGAATCATGGCGGTAGCCCTGGGAGCCCCAGGACTCATGTTCTGGGGGAGGCCTAT
TTCTGTGCTGCGCCACAGGCGGTATTCTGAGTACCAGTCCATAAACTGAAACCCACTCCAGAGGGAA
GGGCAGTGTCTCAGACTGTCGGAGGGTGGGGGGCCAGGTCATGATCTGCTTTTCTGCAGAACCTCAGA
AGCCAGCCTCAACCTACTGGGGTCTCCAGTAAGTTGCTTCCAAACCCACGGAGAGGCCACGCTCAC
GGGTTCCAAACTCCCGTTTCTGTGGATGAACTTGAAGGCCTACATGAGTGACTGTTGGCTGCCCTAA
GGGGCATGAAATAGACATTTCCCCCATACAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
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**Restriction Sites:** RsrII-NotI



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<b>ACCN:</b>	NM_020003
<b>Insert Size:</b>	1215 bp
<b>OTI Disclaimer:</b>	<p>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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC021547</a> , <a href="#">AAH21547</a>
<b>RefSeq Size:</b>	1563 bp
<b>RefSeq ORF:</b>	1215 bp
<b>Locus ID:</b>	56700
<b>UniProt ID:</b>	<a href="#">Q9JHJ3</a>
<b>Cytogenetics:</b>	3 F1
<b>Gene Summary:</b>	Required to protect lysosomal transporter MFSD1 from lysosomal proteolysis and for MFSD1 lysosomal localization.[UniProtKB/Swiss-Prot Function]