

## Product datasheet for MC207700

### Gulp1 (NM\_028450) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gulp1 (NM_028450) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gulp1
Synonyms:	3110030A04Rik; 5730529O06Rik; CED-6; Ced6; GULP; Gulp-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207700 representing NM_028450 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACCGTGCTTTCAGCAGAAAGAAAGACAAAACATGGATGCATACGCCTGAAGCTTTATCAAACATT  
ACATTCCTATAATGCAAAGTTTCTTGGCAGTACCGAAGTGGAGCAGCCAAAGGGAACAGAAGTTGTGAG  
AGATGCTGTCAGGAAGCTGAAGTTTGAAGACACATCAAAAAATCTGAAGGCCAGAAGATTCCTAAAGTT  
GAATTGCAAATATCAATTTATGGAGTAAAAATTCGAACCCAAAACAAAGGAGGTTCAACACAAGTCC  
AGCTTCATAGAATATCATTGCGCAGATGATAAACTGACAAGAGGATATTCATTTTCATATGCAAAGA  
TTCTGAGTCAAATAAACATTTGTGTTTTGTATTTGACAGCGAAAAGTGTGCTGAAGAAATTACATTAACA  
ATTGGCCAAGCTTTTGACTTGGCATAACAGAAAATTTCTAGAATCTGGAGGAAAAGATGTAGAGACAAGAA  
AACAGATTGCTGGAATGCAGAAAAGAAATCCAAGACTTAGAAAACAGAAAACATGGAACCTAAAAATAAAGT  
ACAAGATTTAGAAAGCCGTTGAGAACTCAAGTATCCACGTCTCCAGCCATGGTGTGACAGTGATG  
TCTCCTCCACTGATATCTTTGACATGATTCCATTTCCCAATATCACATCAGTCTCCAACATCTGCTC  
GCAATGGCACACAGCTACCACCCATCCCTAGCAGATCTGCTGAGACCAACCGGGACCTTTTGGAGCTGA  
ACCTTTTGACCCATTTAACTGTGGATCAGGGGACTTTCTCCTGATATTCAGTCCAAATTGGATGAGATG  
CAGGAGGGTTCAAATGGGACTAACTTTGAAGGAACAGTGTGTTGTCTCGACCATTAGACAGCAGGT  
GCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_028450



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<b>Insert Size:</b>	915 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="#">NM_028450.3</a> , <a href="#">NP_082726.2</a>
<b>RefSeq Size:</b>	2976 bp
<b>RefSeq ORF:</b>	915 bp
<b>Locus ID:</b>	70676
<b>UniProt ID:</b>	<a href="#">Q8K2A1</a>
<b>Cytogenetics:</b>	1 C1.1
<b>Gene Summary:</b>	Modulates cellular glycosphingolipid and cholesterol transport. May play a role in the internalization of various LRP1 ligands, such as PSAP (By similarity). May function as an adapter protein. Required for efficient phagocytosis of apoptotic cells. Increases cellular levels of GTP-bound ARF6.[UniProtKB/Swiss-Prot Function]