

## Product datasheet for MC227719

### Gapdhs (NM\_001290631) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gapdhs (NM_001290631) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gapdhs
Synonyms:	Gapd-s; Gapds
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227719 representing NM_001290631 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCGAGACGTGACGTGGTCTTACCAATGTTACTGTTGTCCAGCTACGGCGGGACCGATGCCCATGCC  
CATGCCATGCCATGTCCATGCCATGCCCTGTGATCAGACCACCTCCACCAAGTTGAGGATCCACC  
ACCCACGGTTGAAGAACAGCCACCGCCACCGCCGCGCCACCTCCACCTCCACCACCACCTCCTCCTCCT  
CCTCCACCCAGATAGAGCCAGACAAGTTTGAAGAGGCTCCCCCTCCCCCTCCCCCTCCTCCTCCTCCT  
CCCCCTCCCCCTCCCCACCACTCCAAAAGCCAGCTAGAGAGCTGACAGTGGGTATCAATGGATTTGGACG  
CATTGGTCTGCTGGTGTGCGAGTCTGCATGGAGAAGGGCATTAGGGTGGTAGCAGTGAATGACCCATTC  
ATTGATCCAGAATACATGGTTTACATGTTCAAATATGACTCCACACATGGTAGATACAAAGGAAACGTGG  
AACATAAGAAATGGACAAC TAGTTGTGGACAACCTTGAGATCAACACGTACCAGTGCAAAGACCCTAAAGA  
AATCCCCTGGAGCTCTATAGGGAATCCCTACGTGGTGGAGTGTACAGGCGTCTATCTGTCCATCGAGGCA  
GCTTCGGCACATATTTTCATCTGGTGCCAGGCGTGTGGTGGTCACTGCACCCTCCCCGATGCACCCATGT  
TTGTCATGGGAGTGAACGAGAAGGACTATAACCCTGGCTATGACCATTGTCAGCAATGCATCCTGTAC  
CACCAACTGCCTGGCTCCTCTCGCCAAGGTTATTCATGAAAACCTCGGGATCGTGGAAAGGCTAATGACC  
ACAGTCCATTCTACACAGCCACTCAGAAGACAGTGGATGGGCCATCAAAGAAGGACTGGCGAGGTGGCC  
GCGGCGCTCACAAAACATCATCCATCGTCCACTGGGGCTGCCAAGGCTGAGGCAAAGTGCATCCAGA  
GCTCAAAGGGAAGCTAACAGGAATGGCATTCCGGGTGCCAACCCCAAACGTGTCAGTTGTGGACCTGACC  
TGCCGCTGGCCAAGCCTGCTTCTTACTCGGCTATCACGGAGGCTGTGAAAGCTGCAGCCAAGGGACCTT  
TGGCTGGCATCCTTGCTTACACAGAGGACCAGGTGGTCTCCACGGACTTTAACGGCAATCCCCATTCTTC  
CATCTTTGATGCTAAGGCTGGAATTGCCCTCAATGACAACCTCGTGAAGCTTGTGCCTGGTACGACAAC  
GAATATGGCTACAGTAACCGAGTGGTCGACCTCCTCCGCTACATGTTTAGCCGAGAGAAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001290631
<b>Insert Size:</b>	1323 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_001290631.1</a></u> , <u><a href="#">NP_001277560.1</a></u>
<b>RefSeq Size:</b>	1458 bp
<b>RefSeq ORF:</b>	1323 bp
<b>Locus ID:</b>	14447
<b>Cytogenetics:</b>	7 B1
<b>Gene Summary:</b>	<p>May play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. Required for sperm motility and male fertility.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>