

Product datasheet for **RN214691**

Gpam (NM_017274) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpam (NM_017274) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gpam
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214691 representing NM_017274
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAGTCTTCAGTGACAATTGGCACAATAGACGTTTCTTATCTGCCAATTCATCAGAATACAGCC
 TTGGCCGATGTAAACACACGAATGAGGACTGGGTTGACTGTGGCTTCAAACCTACCTTCTCAGATCCGC
 AACGCTGAAATGGAAGGAGACCTCATGAGCCGGAAGAGGCCCTTCGTGGGAAGTGTTGCTATTATGC
 ACGCCTCAGAGCTGGGAAAGTTTTTCAACCCAGTATCCCATCTCTGGGTTTGGCGAATGTTATTATA
 TCAATGAAACTCACACAAGGCACCGAGGATGGCTGGCAAGACGGCTTCTTACATCCTTTTTGTTCAAGA
 GCGCGATGTCCACAAGGCATGTTTCCACCAGTACTGACAATGACTGAATAGCAGCAGAGTCCAA
 GAGGCAATTGCTGAAGTGGCTGCAGAATTGAACCCGGATGGATCTGCCAGCAGCAGTCCAAAGCCATCC
 AGAAAGTAAAAGGAAAGCCAGGAAGATCTCCAGGAAATGGTTGCTACAGTCTCCCCGGGATGATCAG
 GCTGACTGGCTGGTGTACTAAAGCTTCAACAGCTTCTTCTGGAACATTCAGATTACAAGGGTCAA
 CTTGAGATGGTGAAGCTGCAACTGAGACGAATCTGCCGCTCTTGTCTGCCGGTGACAGATCCACA
 TCGACTACCTGTCTCACCTTCATCCTTCTGCCACAACATCAAAGCTCCATACATCGCTCGGGCAA
 CAACCTCAACATCCCATCTTCAGTACCTTGATTCACAAGCTTGGGGGCTTTTTCAAGACGGAGGCTT
 GACGAACTCCAGATGGACGCAAAGACATTCGTACAGAGCGTTGCTCCATGGGCATATAGTTGAACTCC
 TCCGACAGCAGCAGTTCCTGGAGATCTTCTGGAAGGCACCCGCTCCCGCAGTGGCAAGACCTCTGTGC
 CCGGGCCGGCTCCTGTCAAGTGGTAGTGGATACTGTGATCCAACACCATCCCTGACATCTGGTATC
 CCTGTGGGCATCTCGTATGATCGGATAATCGAAGTCACTACAATGGTGAACAGTTGGGCAAGCCAA
 AGAATGAAAGTCTCTGGAGTGTGGCAAGAGCGTTATCAGAATGCTGCGGAAAACTACGGCTATGTCCG
 AGTGGACTTTGCACAGCCATTTTCTTTGAAGGAATATTTAGAAGGCCAAAGTCAGAAACCTGTATCTGCT
 CCCCTCTCTTTGGAGCAAGCACTGTTACCAGCAATCCTTCTTCAAGACCTGATGCTGCTGCTGCCGAAC
 ATGAAGACATGTCCAGTAATGAGTCGAGAAACGCGGCAGACGAAGCCTCCGAAGGAGGCTGATCGCAA
 CCTGGCGGAGCACATTCTTCCACCGCAGCAAGTCTGCGCTATCATGTCCACCACATTGTGGCTGC
 CTGCTCTCTACAGACACAGGCAGGGAATCCACCTCTCCACGCTGGTGGAAAGACTCTTTGTGATGAAG
 AGGAAGTCTAGCTCGGATTTTACCTGGGCTTCTCCGGGAATTCAGAAGATGTAGTCATGCATGCTAT
 TCAGTCTCTGGGAACTGTGCACAATCACCCACACTAGCAGGAAGGATGAATCTTTTACTCCCAGC
 ACAACTGTCCCGTCCGTCTTTGAACTCACTTCTACAGCAATGGGGTACTTCATGTCTTTATCATGGAAG
 CCATCATAGCTTGACGATTTATGACAGTCCAGAATAAGAGGGGTTCCGGAGGGTCTGCCGAGGCCCTTG
 CAACCTGATCAGCCAGGAGCAGCTGGTGCAGGAAGGCCGACGCTGTGCTACCTTCTCTAATGAAGGT
 ACCATTTCTCTGCCCTGCCAGACATTTTACCAGGTTTGTCAAGAGACAGTAGGAAAGTTCATCCAGTACG
 GAATTCACAGTGGCAGAGCAAGATGACCAGGAAGATGTGAGTCTGGCCTTGCAGAGCAGCAGTGGAA
 CAAGAAGCTTCCGGAGCCTCTGAACTGGAGAAGTGACGAAGAAGATGAGGACAGTACTTTGGTGGAGG
 CAGCGTGATTGCTACCTGAAGGTGAGCCAGGCCAAGGAGCACCAGCAATTCATCACCTTTCTGCAGAGGC
 TTCTGGGGCCCTGCTAGAAGCCTACAGCTCTGCTGCCATCTTTGTCCACACCTTCCGCGGCCAGTCCC
 GGAGCTGAGTACCTGCAGAAGCTGCACAGGTACCTTCTCACCAGGACGGAGAGGAACGTCGCGGTGATC
 GCTGAGAGTGCCACATACTGTCTTGTGAAGAATGCTGTGAAAATGTTTAAAGGACATCGGGGTTTTCAAAG
 AGACCAAGCAGAAGCAGCGTCTGTCTTAGAAGTGAAGCACCCTTCTACCTCAGGGCAGCCGGCAGAA
 GCTCCTGGAATACATTCTGAGCTTCGTGGTGTCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017274
Insert Size: 2487 bp

OTI Disclaimer:	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).
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_017274.1 , NP_058970.1
RefSeq Size:	2646 bp
RefSeq ORF:	2487 bp
Locus ID:	29653
UniProt ID:	P97564
Cytogenetics:	1q55
Gene Summary:	mitochondrial glycerol-phosphate acyltransferase enzyme; regulated by phosphorylation [RGD, Feb 2006]