

Product datasheet for **RN206833**

Pgam2 (NM_017328) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgam2 (NM_017328) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgam2
Synonyms:	D14Mgh1; PGAM-M; Pgmur
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206833 representing NM_017328 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCACCCACCGCCTAGTAATGGTCCGCCACGGTGAGAGCTCATGGAACCAAGAGAACCGTTTCTGTG
GCTGGTTTATGAGAACTGAGTGAGAAGGGGGCAGAGGAGGCCAAGCGGGGGCCACTGCCATCAAGA
TGCCAAGATAGAGTTTGACATCTGCTACACGTCGGTGCTGAAGCGGGCTATCCGCACCTTTGGACCATC
CTGGATGTTACGGACCAATGTGGGTGCCCGTGGTGCGCACCTGGCGCCTCAATGAGCGGCACTATGGAG
GTCTCACGGGCTCAATAAGGCTGAGACGGCTGCAAAGCATGGGGAGGAGCAGGTGAAGATCTGGAGGCG
TTCTTTGACACCCGCCACCACCTATGGACGAGAAACACAACACTACTACGCTCCATCAGCAAGGATCGG
CGCTATGCAGGCTTGAAGCCTGAGGAGCTGCCTACCTGTGAGAGCCTCAAGGACACCATTGCCCGGGCTC
TGCCCTTCTGGAATGAGGAGATCGCACCTAAGATTAAGGCTGGCAAGAGAGTCCTTATTGCAGCCCATGG
GAACAGCCTTCGAGGCATTGTCAAGCATCTGGAAGGGATGTCAGACCAGGCCATCATGGAATGAATCTG
CCCACCGAATCCCCATTGTCTATGAGCTGAACCAGGAGCTGAAGCCCACCAAGCCCATGAGGTTCTGG
GAGACGAAGAGACAGTTCGGAAGGCCATGGAGGCTGTGGCTGCCAGGGAAAGGCAAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_017328
Insert Size:	762 bp



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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_017328.2 , NP_059024.1
RefSeq Size:	797 bp
RefSeq ORF:	762 bp
Locus ID:	24959
UniProt ID:	P16290
Cytogenetics:	14q21
Gene Summary:	catalyzes the interconversion of 2-phospho-D-glycerate and 3-phospho-D-glycerate [RGD, Feb 2006]