

Product datasheet for **RN204205**

Gpd1 (NM_022215) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpd1 (NM_022215) Rat Untagged Clone
Tag: Tag Free
Symbol: Gpd1
Synonyms: Gpd3; GPDH
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204205 representing NM_022215
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGGCAAGAAAGTCTGCATCGTAGGCTCCGGCAACTGGGGCTCAGCCATTGCCAAGATCGTGGGTA
GTAATGCCAGCCAACTGGCACACTTTGATCCACGGGTGACCATGTGGGTGTTGAGGAAGACATCGGGG
CAGAAAGTAACTGAGATCATCAACACGCAACACGAGAATGTGAAATACCTGCCGGGCACAAGCTGCC
CCTAATGTGGTGGCTGTCCAGATGTCTCCAGGCTGCAACAGGTGCTGACATCCTGGTTTTTGTGGTAC
CCCATCAGTTCATTGGCAAGATCTGTGACCAGCTCAAGGGCCACTTAAAAGCCAATACTATTGGCATATC
TCTTATTAAGGGGATAGACGAGGGCCCCAATGGACTGAACTCATCTCTGAAGTGATTGGGGAGAGCCTT
GGCATCCCTATGAGCGTGCTGATGGGGGCAACATTGCCAGTGAGGTGGCTGAAGAGAAGTTCTGTGAGA
CGACCATGGCTGCAAGGACCCTGCTCAGGGACAGCTCCTGAAGGAGCTGATGCAAACACCCAATTCCG
CATCACCGTGGTACAAGAGGTGGACACAGTGGAGATCTGTGGGCCTTGAAGAATATAGTGGCTGTTGGG
GCTGGCTTCTGTGACGGGCTTGGCTTCGGTGACAACACCAAGGCGCAGTGATCCGGCTGGGGCTCATGG
AGATGATCGCCTTCGCAAGCTCTCTGCAGTGGCTCTGTGCTCCTCCGCCACTTCTGGAGAGCTGTGG
GGTCGCTGACCTCATCACGACCTGCTACGGGGGCGGAACCGCAAGGTGGCAGAGGCCTTCGCTCGCACC
GGAAAGTCCATTGAGCAGCTGGAGAAAAGAGATGTGAACGGGCAGAAAGCTACAGGGGCCAGACAGCCC
GGGAGCTGCACAGCATCCTCCAACACAAGGGCCTCGTGGACAAGTTTCCCTTGTTCACCGCGGTGTACAA
AGTGTGCTATGAGGGCCAGCCAGTGGGTGAGTTCATCTGCTGCCTGCAGAACCACCCAGAGCACATGTGA

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022215



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Insert Size:	1050 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_022215.2 , NP_071551.2
RefSeq Size:	2848 bp
RefSeq ORF:	1050 bp
Locus ID:	60666
UniProt ID:	O35077
Cytogenetics:	7q36
Gene Summary:	a mitochondrial glycerol 3-phosphate dehydrogenase active in testis [RGD, Feb 2006]