

Product datasheet for RN212995

Gapdhs (NM_023964) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gapdhs (NM_023964) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gapdhs
Synonyms:	gapdh-2; Gapds
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212995 representing NM_023964 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGTCGAGACGTGACGTGGTCTTACCAATGTTACTGTTGTCCAGCTACGGCGGGACCCATGCCATGTC
CATGCCCATGTCCATGTCCATGTCCCGTATCAGACCACCTCCACCTCCACCCAAGTTGAGGA
GCCTCCGCCACCAAGGAGGAGCGCCGCCACCCACCGCCCTCCTCCACCCAGATAGAGCCAGAG
GAGCCTAAAGAGGCTCCACCTCCACCTCCACCTCCTCCACCCCTCCCCCTCCCCCTCCTCCACCACCC
CAAAGCCAGCTAAAGAGCTAACAGTGGGCATCAATGGATTTGGACGCATTGGTCGTCTGGTGTACGAGT
CTGCATGGAGAAGGGCGTTCGGGTAGTAGCAGTGAATGACCCATTATTGATCCAGAATACATGGTGTAC
ATGTTCAAATATGACTCCACACATGGTAGATACAAAGGAACGGTGAACATAAGAATGGACGACTAGTTG
TGGACAACCTTGAGATCAACGTGTTCCAGTGCAAAGAACCTAAGGAAATCCCTGGAGCTCTGTAGGGAA
TCCCTACGTGGTGAAGCCACAGGTGTACCTGTCCATAGAGGGCGCTTCGGGGCACATTTTCATCTGGT
GCCAGGCGTGTATCGTCACTGCACCTTCCCGGATGCACCCATGTTGGTCATGGGTGTGAATGAGAAGG
ACTATAACCTGGCTCCATGACCGTTGTCAGCAATGCATCCTGTACCACCAACTGCCTGCCCCCTCGC
TAAGGTTATTCACGAACGCTTCGGGATCGTGGAAGGGCTAATGACCACCGTCCATGCCTACACGGCCACT
CAGAAGACAGTGGACGGCCATCAAAGAAGGACTGGCGAGGTGGCCGAGGTGCCACCAGAACATCATCC
CATCTTCCACTGGGGCTGCCAAGGCTGTAGGCAAAGTCATCCCAGAGCTCAATGGGAAGTTAACAGGAAT
GGCATTCCGGGTGCCAACCCCAAACGTATCAGTTGTGGACCTGACCTGCCGCTGGCTCAGCCTGCTTCC
TACACTGTATCAAGGAGGCTGTGAAAGCAGCAGCAAGGGACCTATGGCTGCCATCCTTGTCTTATACAG
AGGACCAGGTGGTCTCCACGGACTTTAATGGCGATTCCCATCTTCCATCTTTGATGCTAAGGCTGGAAT
TGCCCTCAATGACAACTTCGTGAAGCTTGTTCCTGGTACGACAACGAATATGGCTACAGTCACCGGTA
GTCGACCTCCTCCGCTACATGTTTAGCCGAGAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_023964
Insert Size:	1299 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:	<u>NM_023964.1</u> , <u>NP_076454.1</u>
RefSeq Size:	1450 bp
RefSeq ORF:	1299 bp
Locus ID:	66020
UniProt ID:	<u>Q9ESV6</u>
Cytogenetics:	1q21
Gene Summary:	glycolytic enzyme; catalyzes energy-yielding step in carbohydrate metabolism; gene expressed only in spermatogenic cells; is a component of the sperm acrosome [RGD, Feb 2006]