

Product datasheet for RN211966

G6pc3 (NM_176077) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	G6pc3 (NM_176077) Rat Untagged Clone
Tag:	Tag Free
Symbol:	G6pc3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211966 representing NM_176077 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTCCACTCTGAGCGCCGGCATCATGATGGCTGAAGCACTACAAAACCAGCTTCCCAGGCTAGAGA
ATATGTGGCTCTGGGTACACCTTTCTGGCCGATCCCAAGAACCTCTTTCAGTTCTACTTCCCCGGGTCTA
CTACGCCCTCCCGCCGCTGGGCATCTCCCTGTTCTGGATCGCCTCATTACTGAGTGGCTCAACCTCGTC
TTCAAGTGGTTTTCTGTTGGAGACAGGCCCTTCTGGTGGGTGCATGAATCCGGTACTCCGCCAGACTC
CAGTCCAGATTACCAGTCCCTTCTTCTGTGAGACTGGTCCAGGCAGCCCTCTGGTCACTGCATGAT
CACAGGCCGAGCTTTGTGGCCCGTAATGATAGCCATTTTCATCTCAGGTGGCCTCTCAGACCCGAGCCCC
TGGGTGAGGGTGATTCTGGCCTGGCCTACTGCACCTTCTATTGGCAGTCGGCCTGTCTCGGGTCTTCC
TCTTAGCACATTTCCCTACCAAGTGTGGCTGGCCTTCTAGCTGGTGTATCCTTGGCTGGCTGTTGAG
TCCCCGGGTGCCCATGGAGCGGGAACCTAGCTTTTATGGGTTGACTGCTCTGACCCTCATGCTGGGTGCC
AGCCTCATGTATTGGACGCTCTTACACTGGGCCTAGATCTTCTGGTCCATCAACCTGGCTTCCAAGT
GGTGTGATCGGCCGAGTGGGTGCTCGTTGACAGTCGGCCCTTTGCCCTACTGAGCCGTGACTCAGGATC
TGCCCTAGGTCTGGGCATCGCCCTCCACACTCCCTGTTATGCCAGATTCGGCGAGTACACCTAGGAAAT
GGCCAGAAAATAGCTTGTCTTGTCTAGCCATGGGGCTGCTGGTCTTCTGGAATGGCTGGCCATCCAC
CTCAGATAAGCCTCTTCTACATCTTCAACTTCCCAAATTTACACTCTGGCCATGCCTGGTCTGGCCCT
CGTGCCCTGGATGGTGCATACATTGAGTGCCAGGAAGCCCCACCCATTGCTCTTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_176077



Insert Size:	1041 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_176077.3 , NP_788266.2
RefSeq Size:	1496 bp
RefSeq ORF:	1041 bp
Locus ID:	303565
UniProt ID:	Q6AZ83
Cytogenetics:	10q32.1
Gene Summary:	catalytic subunit-related protein of glucose 6 phosphatase [RGD, Feb 2006]