

Product datasheet for RN202534

Pgc (NM_133284) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgc (NM_133284) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgc
Synonyms:	Pg-1; PG1; Upg1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202534 representing NM_133284 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTGGATGGTAGTAGCCTTGCTCTGCCTCCCGCTCTTGGAGGCATCCCTGCTCAGGGTCCCCCTGA
GGAAAAATGAAGAGTATCCGTGAGACCATGAAGGAACAGGGCGTCTTAAAGACTTTCTGAAGACCCACAA
ATATGACCCTGGCCAGAAGTACCACTTCGGCAACTTCGGTGACTACAGTGTACTCTATGAGCCCATGGCC
TACATGGATGCTTCTACTTCGGTGAGATCAGCATTGGGACTCCACCCAGAACTTCTGGTCCTTTTCG
ACACCGGCTCCTCAACCTGTGGGTGTCTTCTGTCTACTGCCAGAGCGAGGCCTGCACCACACACGCCCC
CTTCAACCCAGCAAGTCTCCACTTACTACACCGAAGGGCAGACCTTCTCCCTGCAGTACGGCACTGGC
AGCCTTACTGGCTTCTTTGGCTATGACACTCTGACCGTCCAAAGCATTACGGTTCCTCAACAGGAGTTTG
GCCTGAGTGAGAAATGAGCCTGGTACCAATTTGTCTATGCCCAATTTGATGGCATCATGGCCTGGCCTA
CCCCGGCTGTCTTCAGGGGGTGCACACCCGCTTGCAGGGCATGTTGGGGGAGGGCGCTCTCCCCAG
CCCCTCTCGGAGTCTACCTTGGCAGCCAGCAGGGTCTAACGGTGGGCAGATTGTGTTGGAGGCGTGG
ACAAGAACCTCTACACTGGGAGATCACCTGGTTCCTGTCACTCAGGAGCTCTACTGGCAGATTACCAT
TGACGACTTCTCATTGGCGACCAGGCCTCTGGATGGTGTCTCTCCAGGGCTGCCAAGGCATTGTAGAG
ACAGGTACCTCTCTGCTGTGCTGCTGCCCCAGTACCTCAGTGAACCTTCTGCAGACCATAGGAGCCAGG
AAGGAGAGTACGGAGAGTATTTTGTGAGCTGCGACAGTGTCAAGTGCCTACCCCTCAGTTTCGTCTCT
CAATGGTGTCCAGTTCGCCCTGTCAACCCTTCTCTACATCATCCAGGAGGACAACCTTCTGCATGGTGGGT
CTTGAGAGCATCTCTGACCTCTGAGAGTGGCCAGCCCTCTGGATCCTTGGGGATGTCTTCTCAGGT
CTTACTATGCCATCTTCGACATGGGCAACAACAAGGTGGGCCCTTGCCACTTCTGTCTAG

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_133284
Insert Size:	1179 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_133284.2</u> , <u>NP_579818.1</u>
RefSeq Size:	1371 bp
RefSeq ORF:	1179 bp
Locus ID:	24864
UniProt ID:	<u>P04073</u>
Cytogenetics:	9q12
Gene Summary:	inactive precursor of pepsin; member of aspartic proteinases [RGD, Feb 2006]