

## Product datasheet for RN205009

### Pga5 (NM\_021753) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Pga5 (NM\_021753) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Pga5  
 Synonyms: Pepf  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN205009 representing NM\_021753  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAATGGCTTTGGGTCTCGGGCTTGTGGCCCTCTCAGAGTGGCTTGGTCAAAATCCCTCTGATGAAGA  
 TTAAGTCCATGCGAGAAAACCTGCGGGAAAGCCACATGCTGAAGGATTACCTGGAGAAGTACCCTCGCAG  
 CCGTGCCACGTGCTTCTTGAGCAGCGCAGGAACCCATCAGTAACCTATGAGCCTATGAGGAACTACCTA  
 GACCTGGTCTACATCGGCACCATCAGCATTGGCAGCCCCCTCAGGAGTTCAAGGTTGTCTTGGATACTG  
 GTTCTTCAGACCTGTGGGTACCATCCATCTACTGCTCCAGCCCAGCCTGCGCTCATCACAAAGTCTTCAA  
 CCCTCTTCAGTCTTCCACTTTCCTGGTCTCAGGCCGACCTGTGAATGTTGCCTATGGCTCAGGAGAGATG  
 TCTGGATTTCTTGCTATGACACTGTCAAGATTGGAGACCTCACGGTTGTGGCCAGGCATTTGGCCTGA  
 GCCTGGAAGAACCTGGCCGTTTCATGGAACATGCTGTCTTTGATGGTATCCTGGGACTGGGATACCCCAA  
 CCTTGGTCTTCAGGGAGTCACACCTGTCTTTGACAACCTATGGATACAAGGCCTCATCCCCAGAATCTC  
 TTTGCCCTTCTACTTGAGCAGCAAGGATGAAAAGGCAGCGTGCTGATGCTAGTGGGGTGGACCCCTCCT  
 ATTACCATGGAGAGCTTCACTGGGTACCAGTGTCCAAGCCAGCTACTGGCAGTTAGCTGTGGACAGCAT  
 CTCCATGAACGGGAGATCATTGCCTGTGATGGTGGCTGCCAAGGTATCATGGATACAGGGACCTCCTTG  
 GTGACCGGCCACGAAGCTCAATCCTTAACATCCAGAACCTCATTGGTGCCAAGGCTTCTGGTATGGCG  
 AGTACTTCCTCAAGTGTGACACCATCAACACCCTACCTGACATTGTCTTACCATCGACAGTGTGACCTA  
 CCCAGTGCAGCCAGTGCCTACATCCGGAAGGATCATTACACAATTGCCGAAGCAACTTTGAAGAAAGC  
 ACAGATGACCCGTCAGACCCTGAGTTGTGGGTGCTGGGGATGTTTTCTGAGGCTGTACTTCACCGTGT  
 TTGATCGGGCAAATAACAGGATTGGTCTGGCTTCTGCTGCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online >](#)

<b>ACCN:</b>	NM_021753
<b>Insert Size:</b>	1164 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021753.1</a></u> , <u><a href="#">NP_068521.1</a></u>
<b>RefSeq Size:</b>	1333 bp
<b>RefSeq ORF:</b>	1164 bp
<b>Locus ID:</b>	60372
<b>Gene Summary:</b>	neontal zymogen of pepsins, the major proteolytic enzymes in gastric juices [RGD, Feb 2006]