

Product datasheet for **MC210184**

Pga5 (NM_021453) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pga5 (NM_021453) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pga5
Synonyms: 1110035E17Rik; Pepf
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC210184 representing NM_021453
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGTGGCTCTGGGCTTGGGCTTGTGGCCCTCTCAGAGTGCTTGGTCAAAATCCCTCTGATGAAGA
 TTAAGTCCATGCGTGAAAACCTGCGGGAAAGCCAAGTGTGAAGGATTACCTGGAGAAGTACCCTCGAAG
 CCGTGCCACGTGCTTCTTGAGCAGCGCCGGAACCCAGCCGTAACCTATGAGCCTATGAGGAACTACCTA
 GACCTGGTCTACATTGGCATCATCAGCATTGGCACGCCCCCTCAGGAGTTCAGGGTTGTCTTGATACTG
 GATCTTCAGTCCGTGGGTACCATCCATCTATTGCTCCAGCCAGCCTGCGCTCACCACAAGCCTTCAA
 CCCGTTTCGGTCTCCACTTTCCTGGTCTCAGGCCGACCTGTGAATGTTGCCTATGGCTCAGGAGAGATG
 TCCGGATTTCTTGCCTATGACACTGTGAGGATTGGGGACCTCACGGTTGTGGCCAGGCCTTTGGCCTGA
 GCCTGGAAGAACCTGGCATTTTCATGGAATATGCTGTCTTTGATGGTATCCTGGGGCTGGGATACCCCAA
 CCTTGGCCTTCAGGGAATCACACCCGTCTTTGACAACCTGTGGCTACAAGGCCTCATCCCCAGAATCTC
 TTTGCCTTCTACTTGAGCAGCAAGGATGAAAAGGCGAGCATGCTGATGCTAGGTGGAGTGGATCCCTCCT
 ACTACCATGGAGAGCTTCACTGGGTACCAGTGTCCAAGCCAGCTACTGGCAATTAGCTGTGGATAGCAT
 CTCCATGAATGGGAGGTCAATTGCCTGTGATGGTGGCTGCCAAGGTATTATGGACACAGGGACCTCCTTG
 CTGACCGGCCCCGAAGCTCCATCGTTAACATCCAGAATCTAATTGGTGCCAAGGCTTCTGGTGACGGCG
 AGTACTTCTCAAGTGTGACACCATCAACACCCTGCCTGATATTGTCTTACCATCGGCAGTGTTACCTA
 CCCAGTGCCAGCCAGTGCCTACATCCGAAAGGATCGGTACACAATTGCAGGAGCAACTTTGAGGAGGGC
 ATGGATGACCCATCAGACCCTGAGATGTGGGTGCTGGGGATGTCTTCTGAGGCTGATTTTCACCGTGT
 TTGATCGGGCAAATAACAGGATTGGTCTGGCTCCTGCTGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021453
Insert Size:	1164 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_021453.4 , NP_067428.2
RefSeq Size:	1416 bp
RefSeq ORF:	1164 bp
Locus ID:	58803
UniProt ID:	Q9D106
Cytogenetics:	19
Gene Summary:	Shows particularly broad specificity; although bonds involving phenylalanine and leucine are preferred, many others are also cleaved to some extent (By similarity). May play a role as a specialized neonatal digestive enzyme (Probable).[UniProtKB/Swiss-Prot Function]