

Product datasheet for **MC222670**

Pgap1 (NM_001163314) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgap1 (NM_001163314) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pgap1
Synonyms:	5033403E17Rik; 9030223K07Rik; A530084K22; D230012E17Rik; oto
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222670 representing NM_001163314
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCTCCACTCAGTCAACCTCTGGAATCTGGCCTTCTATGTCTTCATGGTGTCTTCTGGCGACCCTGG
 GGCTGTGGGATGTCTTCTCGGCTTCGAGGAAAAACAAGTGCAGCATGAGCTACATGTTCCGAGTACCCCGA
 GTACCAGAAAATAGAGCTCCCAAAGAACTGACAAAGCGTTATCCAGCATATGAGTTATATCTTTACGGA
 GAAGGATCGTACGCTGAAGAACAACAAAATTCTCCCTTTGACAGGAATTCCTGTTCTCTTTCTTCTGGTA
 ATGCTGGAAGCTATAAGCAAGTTCGATCTATCGGCTCTATTGCACTTAGGAAAGCAGAAGACATCGACTT
 CAAGTACCACTTCGACTTCTTCAGTGTCAACTCAATGAAGAAGTGGTGGCATTGTATGGTGAAGCCTT
 CAGAAGCAGACCAAGTTGTACACGAGTGCATTAAGCGATTCTCAAACCTACAAGGGTCAAGAATTTG
 CTCCTACAAGTGTGGCAATAATTGGTCACTCAATGGGTGGCCTTGTGCCAGAGCATTGCTTACACTGAA
 AATTTTAAAGCAAGATCTGATCAATCTTCTTGTACACAAGCTACTCCTCATGTGGCCCTGTGATGCCA
 TTAGATCGTTTACATTACAGAGTTTTATATGAATGTAACAACATTTGGATTTTAAATGCTCGGCACATAA
 ATTTGACTACACTTTCTGTGGCTGGAGGATCCGGGATTACCAAGTTCGTTCCAGGACTGACTTTTCTACC
 AAAATTGAGCCATTACACCAGTGCCTTATCTGTTGTGAGCTCAGCAGTGCCTAAGACCTGGGTCTCAACA
 GACCACCTCTCCATCGTGTGGTGTAAACAATTGCAGTTGACTACAATTCGAGCGTTCTTTGATCTTATTG
 ATGCCGATACAAAACAAATAACTCAAAGCCTAAGAAGAAATTGTCCGTTTTGAATCACCATTTTATAAG
 ACACCCAGCTAAACAGTTTGAGGAAAATCCGTCATAATTTCTGACCTAACAGGGACATCTATGTGGTT
 CCAGTAAAAGTGTCCAGATGGTCCATATGTGGCTATAATGAATCTGATAAGATTTACTTTGCAATTCCTC
 TTGCAAAATCATAGAAAAATCTACACTCATGCCTATTGTGAGCAGCACCATGCTGGATACAAAATAGTTGAT
 TTTTGGCTGCATAAACAGCACTTCCATGTGCCGCAAGGGTTGATTTGTCATGGAAAGCTGAGCTGTTA
 CCAACAATTAAGTCTCTGACGCTAAGACTTCAAGACTATCCATCCTTGTGCGCATATTGTTGTCTATGTGC
 CATCTGTCCACGGAAGTAAGTTTGTGTCGACTGTGAATCTTTAAGAAAGAAGCGAGATCCATGCAGCT
 CCCTGTGACTCACCTTTTTCTTTGGACTGTCTCCAGGAAGGTGACGTTAAATACAAACGGCCTATAC
 TACAACATAGAGCTGCTGAACCTTTGACAGATATACCAAGCTTTTAAAGTCAACGTGGTCAAGTGA
 CTGGAAGCAAAGAAGAAATAACCAAGTATCTATAAACTTCATATCCCCTGGTCTATGAAGATTCATAAC
 CATCGCACAGGTCCATCTTCCACAGACATTTCTGAAAGCTTCATGTTGCTCAGCCAGAAAATGACAGC
 CATGTGGCACTGTAAAAATGTACACGTCGTGACTGTGAGTATGAGGTGACAATTAAGACTTCCTTCC
 CACAAATACTTGGACAGGTAGTTAGTTTCATGGTGGAGCCCTTCTGCCTACGTTGTATCTAGCATCCT
 TCTTGGCTATGGAGGACAGTTATACTCACTCCTCTCAACAGGTTATTGCTTAGAATATTCTACCATATTG
 GATAAAGAAGCCAAACCATACAAAGTTGACCCATTTGTAATTATGATTAAGTTTTTGTGGGGTATAAAT
 GGTTTAAGGAATTATGGGATGCAGTGTTATTACCGGAATTAGATGCCATCGTTTTGACTAGCCAGAGTAT
 GTGTTTCCCTCTGTATCCTTGATTCTCTTTCTGTTTGGAAACATGTAAGTGCATACTGGAGTGGTCTACTC
 TCTTCTACATCTGTGACGCTTCTTCTTCTTCTGTTTGGAAACATGTAAGTGCATACTGGAGTGGTCTACTC
 ATATCAAGGTGATGTACCAGACTTGCCTGTTTGGACAGTTGTCTTTCTCATAGTGAAGTGGACAACCTTG
 TGGAGCACTTGCATACTTCTGTCTTATCTGACTATGTGTTTAAAGTTGTTTCTGCAAGCCAGCCTA
 ACTACATTTAAAAATAATCAGCCAGTGAATCCCAAACACTCTAGAAGAAGTGAAGAAAGTCCAACCCACC
 ATAAAGACTCTGTGTACAAAGTCTTCCGTTATGTGCTAATGATGCTGAAGACAGTCTTCGCATGCACAG
 CACCGTATTAACCTGCTGACGTGGGTTGTGCTGCTCAGCATGCCGCTCTAATCTACTGGTTAAAGAAC
 CTTAGGTATTATTTAACTTAGTCTGACCCATGCAAACCCCTGGCATTCTCCTTATTCCAGCTATAG
 CGATTCTCGAAACACTCACACTGTTTTCAGTAAAGTCCAGTAAATTTGCTGAAGACCGTCTCCAGTTCCC
 ACTTCTCTGGCTGTGGCGTGATTGCTTTTGGCTCCTCCACTTATACAGGGTCCCGTGTGTTTGTGATC
 ATTCTCTGTGTCCATGCGTTATGCAACTTTATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001163314
Insert Size:	2769 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_001163314.2</u> , <u>NP_001156786.1</u>
RefSeq Size:	10579 bp
RefSeq ORF:	2769 bp
Locus ID:	241062
UniProt ID:	<u>Q3UUQ7</u>
Cytogenetics:	1 C1.2
Gene Summary:	Involved in inositol deacylation of GPI-anchored proteins. GPI inositol deacylation may important for efficient transport of GPI-anchored proteins from the endoplasmic reticulum to the Golgi (By similarity).[UniProtKB/Swiss-Prot Function]