

Product datasheet for **RN209425**

Pgap1 (NM_201990) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgap1 (NM_201990) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pgap1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209425 representing NM_201990
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCTCCACTCAGTCAACCTCTGGAACCTGGCGTTCTATGTCTTCATGGTGTCTGCGCACCTGG
 GGCTGTGGGATGTCTTCTCGGCTTCGAGGAGAAACAAGTGCAGCATGAGCTACATGTTCCAGTACCCCGA
 GTACCAGAAAATAGAACTTCCAAAGAACTGACAAAGCGTTATCCAGCCTATGAGTTATATCTTTATGGA
 GAAGGATCATACGCTGAAGAACAACAAAATTCTCCCTTTGACAGGAATTCCTGTTCTCTTTCTCTGGGA
 ATGCTGGAAGCTATAAGCAAGTTCGTTCTATCGGCTCTATTGCGCTTAGGAAAGCAGAGGACATCGATTT
 CAAGTACCACTTCGACTTCTCAGTGTCAACTCAATGAAGAAGTGGTGGCATTATATGGTGAAGCCTT
 CAGAAGCAGACCAAGTTGTACACGAATGCATTAAGCAATTCTCAAACCTACAAGGGTCAAGAATTTCT
 CCCCACAAGTGTGGCAATAATTGGTCACTCTATGGTGGTCTTGTGGCCAGAGCGTTGCTTACACTGAA
 AAATTTAAACAAGATCTGATCAATCTTCTCGTTACACAAGCTACTCCTCATGTGGCCCCGTGATGCCG
 TTAGATCGTTTACATTACGGAGTTTTATATGACTGTAAACAACATTTGGATTTTAAATGCTCGGCACATAA
 ATTTGACCACACTTTCTGTAGCTGGAGGCTTCCGGGATTACCAAGTTCGTTCCGGACTGACTTTTTTACC
 GACATTAAGCCATCATACCAGTGCCTTATCTGTTGTGACCTCAGCAGTGCCTAAGACATGGGTCTCAACA
 GATCACCTCTCCATCGTGTGGTGTAAACAGCTGCAGCTGACGACAATTCGAGCGTTCTTTGATCTTATTG
 ATGCCGATACAAACAAATAACTCAGAAGTCTAAGAAGAAATGTCTGTTCTGAATCACCATTTTATAAG
 ACACCCAGCTAAACAGTTTGAGGAAAATCCGTCATAATTTCTGACCTAACAGGGACATCTATGTGGGT
 CCAGTAAAAGTGTCCAGATGGTCCATATGTGGCTTATAATGAATCTGATAAGATTTACTTTGCATTTCCCT
 TTGCAAAATCATAGAAAGGTCTACACTCAGCCTACTGTGACAGCACCATGCTGGACAAAATGATGGAT
 TTTTGGCTGCATAAACAGCACTTCCATGTGCGCGCAAGGGTTGATTTGCTGAAAGCTGAACCTGTTG
 CCAACAATCAAGTCTCTGACGCTAAGACTTCAAGACTATCCATCCTTGTGCGCATATTGTTGTCTACGTAC
 CGTCTGTCCACGGAAGCAAGTTTGTGTAGACTGTGAATCTTTAAGAAAGAAGCAAGATCCATACAGCT
 TCCCGTAACCCACCTATTTTCTTTGGATTGTCTTCCAGGAAGGCCATAATAACACGAGCGGCCGTTAC
 TACAACATAGAGCTGCTGAACCTGGGACAGATATACCAAGCTTTTAAAGTCAACGTGGTCAAGTCAAGTCA
 CTGGAGGCAAAGAAGAAATAACTAGTATCTATAAACTTCATATCCCTGGTCTTATGAAGATTCTCTAAC
 CATTGCACAGGTCCATCTTCCGTAGACATTTCTGAAAGCTTCATGTTGCTCAGCCAGAAAATGACAGC
 CATGTGGCACTGTTAAAGATGTACACATCCTCAGACTGTCAGTATGAGGTGACGATCAAGACTTCCTTTC
 CACAAATACTGGGACAGGTAGTTCGATTTTCATGGTGGAGCTCTTCTGCCTACGTCGTCTTAGCATCCT
 TCTGGCCTACGGAGGACAGTTATACTCTCTCTCAACAGGTTTTTGGCTTAGAATATGGTACCATGTTG
 GATAAAGAAGCCAAACCATACAAAGTTGACCCATTTCGTAATATGATTAAGTTTTTGTGGGGTATAAAT
 GGTTTAAGGAATTATGGGATGCAGTGTTATTACCGGAATTAGATGCCATCGTTTTGACTAGTCAGAGTAT
 GTGTTTCCCTCTGGTGTCCCTGATCCTCTTCTGTTCCGGAACGTGTAAGTGGTACTGGAGTGGTCTGCTC
 TCTTCCGATCCGTACAGCTTCTTCTCATTGTGGCTGGCTCTGAAAAGACCTGCTGAACCTCCTAAGG
 ATGTCAAAGTGTGTCACCAGACCTGCCGTTTTGACAGTTGTCTTCTCATAATCAGCTGGACGACTTG
 CGGGCAGCTTCCATACTTCTGTCTTACCTGACTATGTGTTTAAAGTTGTTTCACTGCAAGCCAGCCTA
 ACAACATTTAAAAATAATCAGCCAGTGAATCCCAAACACTCCAGAAGAAGTGAGAAAAAGTCCAACCACC
 ATAAAGATTCTGCCATACAGAATCCCGCTTATCTGCTAATGATGCTGAAGACAGCCTTCGCATGCACAG
 CACCGTATTAACCTGCTGACGTGGTCTGCTGCTCAGCATGCCGTCCTGATCTACTGGTCAAAGAAC
 CTTAGATATTACTTTAACTTAATCCTGACCCATGCAAACCCCTGGCGTTCCTGCTATTCCAGCAATAG
 CGGTTCTTGAAACACTCACACAGTTTCAATAAAGTCAAGTAAATTTGCTGAAGACCGCTCCCAATTTCC
 ACTTCTCTGGCTGTGGCGTGTGCTGCTTTTGGCTCCTCCACTTATACAGGGTCCCGTGTGTTGTGATC
 ATTCTCTGTGTTCCACTCATTATGCAACTTCATG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN:	NM_201990
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:	NM_201990.1 , NP_973719.1
RefSeq Size:	3260 bp
RefSeq ORF:	2769 bp
Locus ID:	316400
UniProt ID:	Q765A7
Cytogenetics:	9q31
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.[UniProtKB/Swiss-Prot Function]