

Product datasheet for **MC214477**

Pgap3 (NM_001033537) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgap3 (NM_001033537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pgap3
Synonyms:	CAB2; D430035D22Rik; PerId1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214477 representing NM_001033537 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAAGCGGACGGCGCCGCTGCTGCTGCTAACCTTGGCAGTGGGACTCGCGGGGGTTCCAGGGCG
ACCGCGAGCCCGTGTACCGGACTGCGTGCTCCGATGCGAGGAACGGAAGTTCGGGAGACGCACTGAA
GCACTTCCGCTCCCGCCAGCCAATCTACATGAGCCTAGCTGGCTGGACCTGTCCGGACGACTGCAAGTAT
GAGTGTATGTGGTTCACCTGTTGGCCTCTACCTCAGGAGGGCCACAGAGTGCCTCAGTTCATGGCAAGT
GGCCCTTCTCCCGTTCCTGTTCAATCAAGAGCCAGCTTCTGCCGTGGCCTCACTCCTCAATGGCCTGGC
CAGCCTGGTATGCTCTGCCGCTATCGCGCCTCTGTGCCAGCCTCTCCCCATGTACCATACCTGCATG
GCCTTCGCTTGGGTGCTCTCAATGCTTGGTCTGGTCCACAGTCTCCATACCAGGGACTGACCTCA
CAGAGAAGATGGACTACTTCTGCGCTTCAGCTGTCATCCTGCATTCTGTTTACCTGTGCTGTGCAGGAC
CGTGGGACTACAGCACCCGCTGTGGCCAGTGCCTTCGGTGGCCTGCTGCTGCTGCTGACAGGACAC
ATATCCTACCTGAGCCTTGTCATTTGACTACGGCTACAACATGATGGCCAACGTGGCTATCGGCCTGG
TGAACCTGGCGTGGTGGTGGTCTGGTGCCTACGGAACCGCCAGCGCCTCCCTCACACCCGAGGTGAT
GGTGGTGGTAGTGTGCTGCAGGGGCTGTCCCTGCTGGAATTGCTTGACTTCCCGCCCTCTTCTGGGTC
CTGGACGCCACGCCATCTGGCACATCAGCACCATCCCGGTCCACACCCTTTTTTCAGGTTTCTGGAAG
ATGACAGCTTGTACCTACTGAAGGAATCTGGAGCCATGTTCAAGCTGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1577_b06.zip

Restriction Sites: SgfI-MluI



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ACCN:	NM_001033537
Insert Size:	963 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_001033537.2</u> , <u>NP_001028709.2</u>
RefSeq Size:	2424 bp
RefSeq ORF:	963 bp
Locus ID:	320655
UniProt ID:	<u>A2A559</u>
Cytogenetics:	11 D
Gene Summary:	Involved in the lipid remodeling steps of GPI-anchor maturation. Lipid remodeling steps consist in the generation of 2 saturated fatty chains at the sn-2 position of GPI-anchors proteins. Required for phospholipase A2 activity that removes an acyl-chain at the sn-2 position of GPI-anchors during the remodeling of GPI (By similarity).[UniProtKB/Swiss-Prot Function]