

Product datasheet for MC226575

Pgap2 (NM_001291358) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pgap2 (NM_001291358) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pgap2
Synonyms: 1810006G21Rik; C76649; Frag1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226575 representing NM_001291358
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTACCAGGTCCCCTGACATTGGACCGGGATGGGACCCTAGTCCGGCTCCGCTTCACTATGGTGGCCC
 TGACTACTGTCTGCTGTCCACTTGTGCGCTTCTTCTTCTGCATCCTGTGGTCCCTGCTCTTTCACCTCAA
 GGAGACAACATCTACACTGTGGGGTGCCAATTACCTGCCATCAGTGAGCTCCGCCATTGGTGGGGAG
 GTCCCCAACGCTACGTGTGGCGTTTCTGCATTGGCCTGCACTCGCACCCCGCTTCTTGACAGCCTTCG
 CCTATTGGAACCACTACCTCAGCTGTGCGTCTCCATGTCCGGGTTACCGCTTCTCTGCCGATTA
 CAGTCTCAATGTGGTGGAGAACCCTCGCGTCTCGTGCTCACCTACGTCTCCTCCTCCGAGGACTTACC
 ATCCACGAAAAATGCTTTCATTGTGTTTATCGCGGCATCCCTCGGTTACATGCTCCTCACCTGCATTCTCT
 GGCGGCTGACCAAGAAGCACACAGATCGCAAGTCTACAGCTGGAACAGCGGCTCTTCGTCATCAACTT
 CATCTCCTTCTTCTCGGCGCTGGCTGTCTACTTCCGGCACAACATGTATTGTGAGGCTGGAGTGTATACC
 ATCTTTGCCATCCTGGAGTACACTGTTGCCTAACCAACATGGCGTTCACATGACAGCCTGGTGGGACT
 TCGGGAACAAAGAGCTGCTAATAACCTCTCAGCCTGAGGAAAAGAGATTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001291358
Insert Size: 753 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001291358.1, NP_001278287.1</u>
RefSeq Size:	2182 bp
RefSeq ORF:	753 bp
Locus ID:	233575
UniProt ID:	<u>Q3TQR0</u>
Cytogenetics:	7 E2
Gene Summary:	<p>Involved in the lipid remodeling steps of GPI-anchor maturation. Required for stable expression of GPI-anchored proteins at the cell surface (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 both encode the same protein.</p>