

Product datasheet for **RG233668**

PGAP2 (NM_001256237) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PGAP2 (NM_001256237) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PGAP2
Synonyms: CWH43-N; FRAG1; HPMRS3; MRT17; MRT21
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG233668 representing NM_001256237
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTAGATTGGGAAGCACCGGCGGGGTGTCGGGAAGGGTGGTGACGCAACATAGAGACTCCGCCCCCT
 TCCTTGGAGCGCCGCGACTCGGGCTGAGGGAGCTCGGGCCAATCAGAGGGACGGCCCCAGAATGGCATGG
 TAGATGGAACGCAGCTGAGAGGTCTGACAAGATGTACCAGGTCCCACTACCACTGGATCGGGATGGGACC
 CTGGTACGGCTCCGCTTACCATGGTGGCCCTGGTCACGGTCTGCTGTCCACTTGTGCCTTCTCTTCT
 GCATCCTCTGGTCCCTGCTCTTCCACTTCAAGGAGACAACGGCCACACTGTGGGGTGCCCAATTACCT
 GCCTCGGTGAGCTCAGCCATCGGCGGGGAGGTGCCCCAGCGCTACGTGTGGCGTTTCTGCATCGGCCTG
 CACTCGGCGCCTCGCTTCTGGTGGCCTTGCCTACTGGAACCACTACCTCAGCTGCACCTCCCCGTGTT
 CCTGCTATCGCCCGCTCTGCCGCCTCAACTTCGGCCTCAATGTCGTGGAGAACCTCGCGTTGCTAGTGCT
 CACTTATGTCTCCTCCTCCGAGGACTTACCATCCACGAAAATGCTTTCATTGTGTTTCATTGCCTCATCC
 CTCGGGCACATGCTCCTCACCTGCATTCTGCGGTTGACCAAGAAGCACACAGTAAGTCAGGAGGTAC
 GGTCTATCCCTAGCGGGGCTCCAAGGCAGCCAGAAGAAAATCAAGGACATCTGCCTCAGGATTCGGG
 TAATGGATCGCAAGTCTACAGCTGGAACAGCGGCTTTCATCATCACTTCATCTCCTTCTTCTCGGC
 GCTGGTGTCTACTTTTCGGCACAACATGTATTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

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_001256237.1](#), [NP_001243166.1](#)

RefSeq Size: 1967 bp

RefSeq ORF: 876 bp

Locus ID: 27315

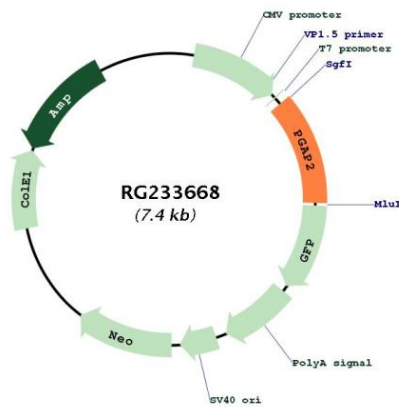
UniProt ID: [Q9UHJ9](#)

Cytogenetics: 11p15.4

Protein Families: Druggable Genome, Transmembrane

Gene Summary: The protein encoded by this gene plays a role in the maturation of glycosylphosphatidylinositol (GPI) anchors on GPI-anchored proteins. Mutations in this gene are associated with an autosomal recessive syndrome characterized by hyperphosphatasia and intellectual disability. [provided by RefSeq, Jul 2017]

Product images:



Circular map for RG233668