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Product datasheet for SC332319

PGAP2 (NM_001256235) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PGAP2 (NM_001256235) Human Untagged Clone
Tag:	Tag Free
Symbol:	PGAP2
Synonyms:	CWH43-N; FRAG1; HPMRS3; MRT17; MRT21
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332319 representing NM_001256235. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGGACCCTGGTACGGCTCCGCTTCACCATGGTGGCCCTGGTCACGGTCTGCTGTCCACTTGTCGCCT TCCTCTTCTGCATCCTCTGGTCCCTGCTCTTCCACTTCAAGGAGACAACGGCCACACACTGTGGGGACT GAAGCTTCAATAGGAGTTCCAGGCATTAAGATGGATGGTGGAGATGCACAAGAACATGGTCATTTCCTT AGACTACCCCAGGTGCCCAATTACCTGCCCTCGGTGAGCTCAGCCATCGGCGGGGAGGTGCCCCAGCGC TACGTGTGGCGTTTCTGCATCGGCCTGCACTCGGCGCCTCGCTTCTTGGTGGCCTTCGCCTACTGGAAC CACTACCTCAGCTGCACCTCCCCGTGTTCCTGCTATCGCCCGCTCTGCCGCCTCAACTTCGGCCTCAAT GTCGTGGAGAACCTCGCGTTGCTAGTGCTCACTTATGTCTCCTCCTCCGAGGACTTCACCATCCACGAA AATGCTTTCATTGTGTTCATTGCCTCATCCCTCGGGCACATGCTCCTCACCTGCATTCTCTGGCGGTTG ACCAAGAAGCACACAGTAAGTCAGGAGGATCGCAAGTCCTACAGCTGGAAACAGCGGCTCTTCATCATC AACTTCATCTCCTTCTTCTCGGCGCTGGCTGTCTACTTTCGGCACAACATGTATTGTGAGGCTGGAGTG TACACCATCTTTGCCATCCTGGAGTACACTGTTGTCTTAACCAACATGGCGTTCCACATGACGGCCTGG TGGGACTTCGGGAACAAGGAGCTGCTCATAACCTCTCAGCCTGAGGAAAAGCGATTCTGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001256235
Insert Size:	819 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).

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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_001256235.1
RefSeq Size:	1829 bp
RefSeq ORF:	819 bp
Locus ID:	27315
UniProt ID:	Q9UHJ9
Cytogenetics:	11p15.4
Protein Families:	Druggable Genome, Transmembrane
MW:	30.9 kDa
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] Transcript Variant: This variant (4) contains alternate 5' exon structure and thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (3) has a distinct N-terminus and is shorter than isoform 1.