

Product datasheet for **SC216083**

PGAP3 (NM_033419) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PGAP3 (NM_033419) Human 3' UTR Clone
Symbol:	PGAP3
Synonyms:	AGLA546; CAB2; hCOS16; PERLD1; PP1498
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033419
Insert Size:	1711 bp



[View online »](#)

Insert Sequence: >SC216083 3'UTR clone of NM_033419
The sequence shown below is from the reference sequence of NM_033419. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAATCAGAGGACAAGTTCAAGCTGGACTGAAGACCTTGGAGCGAGTCTGCCCAAGTGGGATCCTGCC
CCGCCCTGCTGGCCTCCCTTCTCCCTCAACCCTTGAGATGATTTTCTCTTTTCAACTTCTTGAATTG
GACATGAAGGATGTGGGCCAGAATCATGTGGCCAGCCACCCCTGTTGGCCCTCACCAGCCTTGAG
TCTGTTCTAGGGAAGGCCTCCAGCATCTGGGACTCGAGAGTGGGAGCCCTCTACCTCTGGAGCTG
AACTGGGTGGAAGTGTGTCTTAGCTCTACCGGAGGACAGCTGCCTGTTTCTCCCATCAGC
CTCCTCCACATCCCGAGCTGCCTGGTGGTCTGAAGCCCTCTGTCTACCTGGGAGACCAGGGACC
ACAGGCCTTAGGATACAGGGGGTCCCCTTCTGTTACACCCCCACCCTCTCCAGGACACCCTAGG
TGGTGCTGGATGCTTGTCTTTGGCCAGCAAGGTTACGCGGATTCTCCCATGGGATCTTGAGGGAC
CAAGCTGCTGGGATTGGGAAGGAGTTTACCCTGACCATTGCCCTAGCCAGGTTCCAGGAGGCCTCAC
CATACTCCCTTTCAGGGCCAGGGCTCCAGCAAGCCAGGGCAAGGATCCTGTGCTGTCTGTTGAG
AGCCTGCCACCGTGTGTGGGAGTGTGGCCAGGCTGAGTGCATAGGTGACAGGGCCGTGAGCATGGGC
CTGGGTGTGTGTGAGCTCAGGCCTAGGTGCGCAGTGTGGAGACGGGTGTTGTGGGGAAGAGGTGTGGC
TTCAAAGTGTGTGTGTCAGGGGGTGGGTGTGTAGCGTGGGTAGGGGAACGTGTGTGCGCGTGTGG
TGGGATGTGAGATGAGTGACTGCCGTGAATGTGTCCACAGTTGAGAGGTTGGAGCAGGATGAGGGAA
TCCTGTCAACATCAATAATCACTTGTGGAGCGCCAGCTCTGCCAAGGCGCCACCTGGGCGGACAGCCA
GGAGCTCTCCATGGCCAGGCTGCCTGTGTGCATGTTCCCTGTCTGGTGCCCTTTGCCCGCTCTTGCA
AACCTCACAGGGTCCCCACACAACAGTGCCTCCAGAAGCAGCCCTCGGAGGCAGAGGAAGGAAAATG
GGGATGGCTGGGCTCTCTCATCTCCTTTTCTCCTTGCTTCGCATGGCTGGCCTTCCCTCCAAAA
CCTCCATTCCCCTGCTGCCAGCCCTTTGCCATAGCCTGATTTTGGGAGGAGGAAGGGCGATTGAG
GGAGAAGGGGAGAAAGCTTATGGCTGGGTCTGGTTTCTCCCTTCCAGAGGGTCTTACTGTTCCAGGG
TGGCCCCAGGGCAGGCAGGGGCCACACTATGCCTGCGCCCTGGTAAAGGTGACCCCTGCCATTTACCAG
CAGCCCTGGCATGTTCTGCCCCACAGGAATAGAATGGAGGGAGCTCCAGAACTTTCCATCCCAAAGG
CAGTCTCCGTGGTTGAAGCAGACTGGATTTTGTCTGCCCCTGACCCCTGTCCCTCTTTGAGGGAGG
GGAGCTATGCTAGGACTCAACCTCAGGACTCGGGTGGCCTGCGCTAGCTTCTTTGATACTGAAAA
TTTTAAGGTGGGAGGGTGGCAAGGGATGTGCTTAATAAATCAATTCCAAGCCTCA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_033419.5

Summary:

This gene encodes a glycosylphosphatidylinositol (GPI)-specific phospholipase that primarily localizes to the Golgi apparatus. This ubiquitously expressed gene is predicted to encode a seven-transmembrane protein that removes unsaturated fatty acids from the sn-2 position of GPI. The remodeling of the constituent fatty acids on GPI is thought to be important for the proper association between GPI-anchored proteins and lipid rafts. The tethering of proteins to plasma membranes via posttranslational GPI-anchoring is thought to play a role in protein sorting and trafficking. Mutations in this gene cause an autosomal recessive form of neurologic hyperphosphatasia with cognitive disability (HPMRS4). Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2017]

Locus ID:

93210

MW:

62.1