

Product datasheet for MR205186

Apoh (NM_013475) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Apoh (NM_013475) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Apoh
Synonyms: B2GPI; beta-2-GPI; beta2-GPI
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR205186 representing NM_013475
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTTTCCCGGTGCTCGCCTTGTCTCCGCCTTCTCTGCCATGTTGCTATTGCAGGACGGATCTGTC
 CGAAGCCGGATGACCTACCATTGCTACGGTTGTCCCCTAAAGACATCTACGACCCTGGGAGCAGAT
 TGTCTACTCTGCAAGCCAGGCTACGTGTCCAGGGGAGGGATGAGACGGTTTACCTGTCTCTCACAGGA
 ATGTGGCCATCAACACCCTGAGATGTGTCCCCAGAGTATGTCTTTCGCTGGAATCTTAGAAAAATGGAA
 TTGTACGCTACACGAGTTTTGAATATCCCAAGAACATCAGTTTTGCTTGTAAACCCTGGGTTTTTCTGAA
 TGGGACCAGCTCATCTAAGTGCACGGAGGAAGGAAAATGGAGCCAGATATTCTGCTTGTGCTCGCATC
 ACCTGCCCGCCACCACCGATTCCAAAGTTTGAAGTTTATAGGCCTTCAAGGATTATAGGCCTTCAAGT
 CTTTGTATCAGGACACAGTGGTCTTTAAATGCTTGCCACACTTTGCCATGATCGGAAATGACACAGTCAT
 GTGCACAGAACAAGGAACTGGACCCGATTGCCAGAATGCCTGGAAGTAAATGTCCCTTCCCTCCGAGG
 CCAGAAAATGGGTATGTGAATTATCCTGCAAAGCCGGTGTCTTCTATAAAGGATAAAGCCACATTTGGTT
 GCCATGAGACATAAAGCTGGACGGCCAGAAGAAGCGGAATGTACCAAGACGGGAACCTTGGTCTTCTT
 GCCGACCTGTAGAGAGTCTTGAACCTCCCGTTAAGAAAACCCGCTGTACCAAGGGATGAGGGTG
 AAGATCCAGGAACAGTTTAAGAATGGGATGATGCATGGCGACAAAATTCACCTTACTGCAAAAACAAAG
 AGAAGAAGTGCAGCTACACTGTGGAGGCTATTGCAGAGATGGCACTATCGAGATTCCCTCGTGTCTCAA
 GGAGCACAGTTCTCTGGCTTTCTGGAAAACGGATGCATCAGAAGTACACCGTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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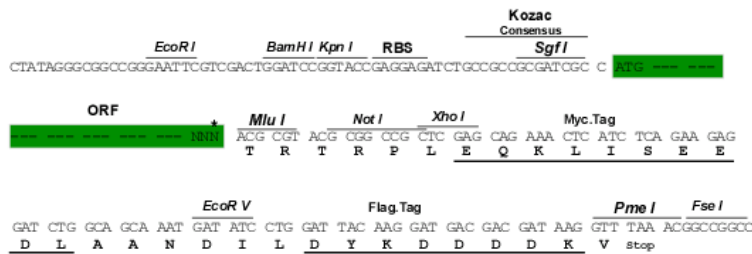
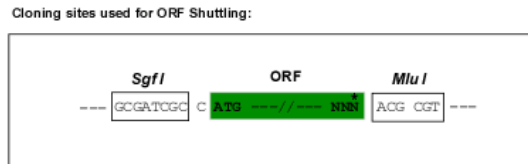
Protein Sequence: >MR205186 representing NM_013475
Red=Cloning site Green=Tags(s)

MVSPVLALFSAFLCHVAIAGRICPKPDDLFPATVVPLKTSYDPGEQIVYSCKPGYVSRGGMRRTFCPLTG
MWPINTLRCVPRVCPFAGILENGIVRYTSFEYPKNISFACNPGFFLNGTSSSKCTEEGKWSPIACARI
TCPPPPVPKFALLKDYRPSAGNNSLYQDTVVFVKCLPHFAMIGNDVMCTEQGNWTRLPECLEVKCPFPPR
PENGIVNYPKPVLLYKDKATFGCHETYKLDGPPEAECKTGTWSFLPTCRESKLPVKKATVLYQGMRV
KIQE QFKNGMMHGDKIHFYCKNKEKKCSYTVEAHCRDGTIEIPSCFKEHSSSLAFWKTDASELTPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_013475

ORF Size: 1035 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_013475.4](#)

RefSeq Size: 1165 bp

RefSeq ORF: 1038 bp

Locus ID: 11818

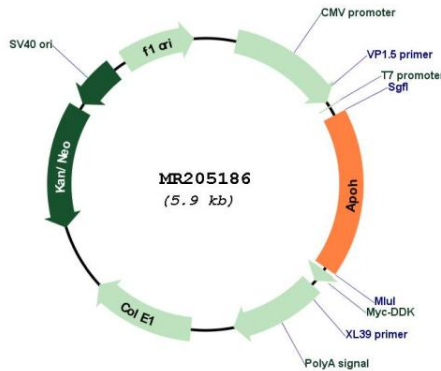
UniProt ID: [Q01339](#)

Cytogenetics: 11 71.8 cM

MW: 39.1 kDa

Gene Summary: Binds to various kinds of negatively charged substances such as heparin, phospholipids, and dextran sulfate. May prevent activation of the intrinsic blood coagulation cascade by binding to phospholipids on the surface of damaged cells.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205186