OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC205809

Apeh (NM_146226) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apeh (NM_146226) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Apeh
Synonyms:	MGC38101
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>BC025494
CCACGCGTCCGCGACTATGGAGCGTCAGGTGCTGCTGAGTGAGCCCCAGGAGGCGGCAGCGCTGTACCGG
GGCCTTAGCCGCCAGCCTTCGCTGAGCGCCGCCTGCCTGGGCCCGGAGGTCACCACGCAGTATGGGGGCC
TCTATCGGACTGTGCACACTGAGTGGACTCAGAGGGACTTGGATCGAATGGAGAACATCCGATTCTGCCG
CCAGTACCTAGTGTTCCATGATGGAGACTCGGTGGTGTTTGCCGGGCCTGCGGGCAACAGTGTGGAAACC
CCGGGGGAGCTGCTGAGCAGAGAGTCTCCTTCAGGCACCATGAAAGCAGTGCTGCGCAAGGCTGGAGGTG
CAGTCTCGGGAGAGGAAAAACAGTTCTTGGAGGTCTGGGAGAAGAACCGCAAGCTCAAGAGTTTCAACCT
GTCTGCACTGGAGAAGCATGGGCCTGTGTATGAAGATGACTGCTTTGGCTGCCTCTCCTGGTCACACTCA
GAGACGCACTTGTTGTATGTGGCGGAGAAGAAGCGTCCCAAAGCTGAGTCCTTCTTTCAAACCAAAGCCT
TGGACGTCAGTGCCAGTGATGAGGAGATGGCCAGGCCGAAGAAGCCAGACCAGGCCATCAAGGGGGACCA
GTTTGTATTTTATGAAGACTGGGGAGAAACTATGGTTTCCAAAAGCATCCCTGTGCTCTGCGTGCTGGAT
ATCGAGAGTGGTAACATCTCCGTGCTTGAGGGCGTCCCTGAAAATGTGTCCCCTGGTCAGGCTTTCTGGG
CCCCTGGAGACACGGGTGTGGTGTTTGTGGGCTGGTGGCACGAACCCTTCCGGCTAGGTATCCGCTACTG
CACCAATCGCAGGTCAGCCCTGTACTATGTGGACCTGAGCGGGGGGAAGTGTGAACTACTCTCGGATGAG
TCCCTGGCTGTCTGCTCTCCTCGGCTGAGCCCAGACCAGTGTCGCGTCGTCTACCTGCAGTACCCATCTC
TAGCCCCTCATCACCAGTGCAGCCAGCTCTTCCTGTATGACTGGTACACCAAGGTCACCTCATTGGTGGT
GGACATTGTACCTCGGCAGCTGGGAGAGAGCTTCTCTGGGATCTACTGCAGCCTCCTTCCTTTGGGATGC
TGGTCAGCTGACAGCCAGAGAGTGGTCTTCGACTCGGTCCAGCGCAGTCGGCAGGACCTGTTTGCTGTGG
ACACCCAGACAGGAAGTGTCACCTCCCTGACAGCTGGGGGGTCAGCGGGAAGCTGGAAGCTGCTTACAAT
TGACCGAGACCTTATGGTGGCCCAGTTCTCCACACCCAACCTGCCCCCGAGCCTGAAAGTCGGGTTCCTG
CCTCCTGCTGGGAAGGAGCAGTCTGTGTCATGGGTGTCACTGGAGGAGGCTGAACCTATTCCTGACATCC
ACTGGGGCATCCGAGTGCTGCACCCACCTCCAGACCAAGAGAATGTACAATATGCTGACCTTGACTTTGA
AGCAATCCTCCTGCAGCCCAGCAACTCTCCAGATAAGAGCCAGGTCCCCATGGTAGTCATGCCCCATGCC
ATGCTTTGCAAGATGGGCTTTGCAGTACTACTGGTGAACTATCGTGGTTCCACGGGCTTTGGCCAAGACA
GCATCCTTTCCCTCCCAGGCAATGTGGGCCACCAGGATGTGAAGGATGTCCAGTTCGCAGTGCAGCAGGT
GCTCCAGGAGGAACACTTTGATGCAAGACGTGTGGCCCTTATGGGTGGTTCCCATGGTGGGTTCCTCTCC
TGCCACCTGATTGGTCAATACCCAGAAACCTACAGTGCCTGTATAGCCCGGAACCCAGTGATCAACATTG
TCTCCATGATGGGCACCACTGACATCCCTGATTGGTGTATGGTGGAGACTGGCTTCCCTTATAGTAATGA
CTACCTGCCAGACCTGAATGTGTTGGAAGAGATGCTGGATAAATCACCCATCAAGTACATCCCTCAGGTA
AAGACACCAGTGTTACTGATGCTGGGCCAGGAGGACCGGCGTGTACCCTTCAAGCAGGGTCTGGAGTATT
ACCATGCCCTCAAGGCCCGGAATGTGCCTGTCCGGCTCCTGCTGTATCCCAAGAGCACCCATGCGCTGTC
AGAGGTGGAGGTGGAATCAGACAGCTTCATGAACACTGTGCTTTGGCTACACACACACTTGGGCAGCTGA
AGCCCTGTTGCTCTTTGTGAGCTGGGCAGTCCGTCTCGAACTTTGCTCTTGGTAAGCCCCAGGATCTGGC
AGAACTGCCTAGAGGTTTCCTGGGCTCTGGACTCCGAATGAGTGGGCAGAGGACTATGGACTCTAATCAT
AATAAAGGAGGACACAGAGAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_146226

Insert Size: 2154 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).

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC025494, AAH25494
RefSeq Size:	2344 bp
RefSeq ORF:	2154 bp
Locus ID:	235606
UniProt ID:	Q8R146
Cytogenetics:	9 59.07 cM
Gene Summary:	This enzyme catalyzes the hydrolysis of the N-terminal peptide bond of an N-acetylated peptide to generate an N-acetylated amino acid and a peptide with a free N-terminus. It preferentially cleaves off Ac-Ala, Ac-Met and Ac-Ser (By similarity).[UniProtKB/Swiss-Prot Function]