

Product datasheet for **RN208055**

Apeh (NM_012500) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apeh (NM_012500) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apeh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208055 representing NM_012500
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCGTCAGGTGCTGCTGAGTGAGCCCCAGGAGCGGCAGCGCTGTACCGGGCCCTAGCCGCCAGC
 CTTGCTGAGCGCCGCTGCCTGGGTCCGGAGGTCACCACGCAGTATGGGGCCTCTATCGGACCGTGCA
 CACTGAGTGGACTCAGAGGGACTTGGAGCGAATGGAGAACATCCGATTCTGCCGCCAGTACCTAGTGT
 CATGACGGAGACTCGGTGGTGTTCGCCGGCCTGCAGGCAACAGTGTGAAACCCGGGGGAGCTGCTGA
 GCAGAGAGTCTCCTTCAGGCACCATGAAAGCTGTGCTTCGCAAGGCCGGAGGCACAGTCTCAGGAGAGGA
 AAAACAGTCTTGGAGGTCTGGGAGAAGAACCAGGCTCAAGAGTTTCAACCTGTCAGCGCTGGAGAAG
 CATGGGCTGTCTATGAGGATGACTGCTTTGGCTGCCTTCTGGTCCACTCAGAGACACACTTGTGT
 ATGTGGCGGAGAAGAAGCGTCCCAAGGCTGAGTCTTCTTTCAGACCAAGCCTTGACATCAGTGCCAG
 CGATGATGAGATGCCAGGCCGAAGAAGCCAGACCAGGCCATCAAGGGGGACCAGTTTGTATTTTATGAA
 GACTGGGAGAAAACGATGGTTTCCAAAAGCATCCCTGTGCTCTGCGTGTAGATATCGACAGTGGCAACA
 TCTCTGTGCTTGAGGGAGTCCCTGAAAATGTGTACCTGGTCAGGCTTTTGGGCCCTGGAGACACGGG
 GGTGGTGTGTGGGCTGGTGGCATGAACCCTCAGGCTCGGCATCCGCTATTGCACCAATCGCAGATCA
 GCTCTGTACTATGTGGACCTGAGCGGAGGGAAGTGTGAACTACTCTCGGATGGTTCCTGGCCATCTGTT
 CTCCTCGGCTCAGCCCAGACCAGTGTGCGATCGTCTACCTACAGTATCCATGTCTAGCCCCATCACCA
 ATGCAGCCAGCTCGCTGTACGACTGGTACACCAAGGTCACCTCAGTGGTGGTGGACATTGTACCCCGG
 CAGCTGGGAGAGAGCTTCTCTGGAATCTACTGCAGTCTTCTTCTTTGGGATGCTGGTCACTGACAGCC
 AGAGAGTAGTCTTTGACTCTGCCAGCGCAGTCGGCAGGACCTGTTTGTGTGGACACCCAGACGGGCAG
 CATCACCTCCCTGACAGCTGCGGGTCCAGGAGGAGCTGGAAGCTGCTTACAATTGACAAAGACCTTATG
 GTTGCCAGTTCTCCACACCCAGTTTGCSCCAAGCCTGAAAGTTGGGTTCTGCCTCCTCTGGGAAGG
 AGCAGTCTGTGTCATGGGTGTCCCTGGAGGAGGCTGAACCTATTCTGGCATCCACTGGGGCGTCCGTGT
 GCTACACCCACCTCCAGACCAAGAGAATGTACAATATGCTGACCTTGACTTTGAAGCAATCCTTTTGCAG
 CCCAGCAATCCTCCAGATAAGACCCAGGTCCTCATGGTAGTCATGCCCCATGGGGACCCCATTCGTCT
 TCGTCACTGCCTGGATGCTGTCCAGCCATGCTCTGCAAGATGGGCTTTCAGTACTTCTGGTGAACCTA
 TCGTGGCTCCACTGGCTTTGGCCAAGACAGCATCTTCTCTCCAGGCAATGTGGGCCACCCAGGATGTG
 AAGGATGTCCAGTTTGCAGTGGAGCAGGTAATCCAGGAGGAACACTTTGATGCAAGACCGTGGCCCTTA
 TGGGTGGTTCCTATGGTGGTTCCTCTCCTGCCACCTGATTGGTCAATACCCGGAGACCTACAGTGCCTG
 TATAGCCCGAAACCCAGTGATCAACATTGCCTCCATGATGGGCTCCACTGACATCCCTGATTGGTGTATG
 GTGGAGACTGGCTTCCCTTATAGCAACAGCTGCCTCCAGATCTGAATGTGTGGGAGGAGATGCTGGATA
 AGTCACCCATCAAATACATCCCTCAGGTAAGACACCCAGTGTACTGATGCTGGGCCAGGAGGACCCGACG
 GGTACCCCTTCAAGCAGGGTATGGAGTATTACCGTGCCTCAAGGCCCGGAATGTGCCTGTCCGGCTCCTG
 CTGTACCCCAAGAGCAACCACCGCTGTGAGAGTGGAGGCGGAGTCAGACAGCTTCATGAACGCTGTGC
 TTTGGTGCACACACTTGGGCAG**TGA**

ACGGGCCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-NotI

ACCN: NM_012500

Insert Size: 2199 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:	<ol style="list-style-type: none">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:	<u>NM_012500.1</u> , <u>NP_036632.1</u>
RefSeq Size:	2381 bp
RefSeq ORF:	2199 bp
Locus ID:	24206
UniProt ID:	<u>P13676</u>
Cytogenetics:	8q32
Gene Summary:	catalyzes the removal of N alpha-acetylated amino acid residues from peptides [RGD, Feb 2006]