

Product datasheet for **RN203468**

Anpep (NM_031012) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anpep (NM_031012) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Anpep
Synonyms:	AP-M; AP-N; Apm; Apn; KZP; Lap1; rAPN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>RN203468 representing NM_031012
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAAGGTTTCTACATTTCCAAGACCCTGGGCATCTTGGGCATCCTGTTAGGTGTGGCAGCCGTAT
 GCACCATCATAGCTCTGTGCGGTGGTCTACGCTCAGGAGAAGAACAGGAATGCGGAGAAGCTGCCATAGC
 CCCCACGCTCCCAGGCAGCACCTCAGCCACCACCTCAACTACCAACCCTGCTATAGATGAAAGCAAACCT
 TGGAAACCAGTATCGCTTGCCTAAGACTCTTATACCCGACTCCTACCAGGTGACCTTGAGGCCTTACCTCA
 CCCCCAACGAGCAGGGCCTGTACATCTTCAAAGGTTCCAGTACTGTCCGCTTTACCTGCAACGAGACCAC
 AAATGTCATCATTATCCACAGCAAGAAGCTCAACTACCAACAAGGGAACACAGGGTGGCGTTGCGA
 GCCCTGGTGACTCCGGCACCTAACATCGACACAACGGAAGTGGTAGAGCGCACGGAGTACCTGGTGG
 TGCACCTGCAGGGCTCCCTGGTAAAGGGCCATCAGTACGAGATGGACAGTGAATCCAGGGGAGCTGGC
 TGATGATCTGGCTGGCTTCTACCGCAGCGAGTACATGGAAGGTGGCAACAAGAAAGTGGTGGCCACCACA
 CAGATGCAGGCTGCCGATGCTCGAAAATCCTTTCTTGGCTTCGATGAGCCAGCCATGAAGGCCTCATTCA
 ACATCACGCTCATCCACCCAACAACCTCACCGCTCTGTCTAACATGCTTCCCAAAGATTCCAGGACCCT
 TCAGGAAGATCCTTCTGGAACGTCCTGAGTTCACCCCTACCCCGAAGATGTCACATACCTGTGGCC
 TATATCGTGAGCGAGTTCAAATATGTAGAAGCCGTCTCACCCAATAGAGTCCAGATTGCAATCTGGGCTC
 GGCCAGTGCCATTGATGAGGGCCATGGTATTACGCTCTGCAAGTACAGGCCCTATCCTAAACTTCTT
 TGCCCAACATTATAACAGCCTACCCTCTAGAAAACTGACCAGATTGCCCTGCCTGACTTCAACGCT
 GGAGCCATGGAGAAGTGGGGCTCGTGACCTACCGAGAGAGTCCCTGGTCTTTGACCCTCAGTCCCTCT
 CCATTAGCAACAAGGAGCGGGTGGTCACTGTGATTGCCATGAGCTGGCCATCAGTGGTTGGCAACCT
 GGTGACCGTGGATTGGTGAATGACCTGTGGCTGAACGAGGGCTTGCCTCCTATGTGGAATTTCTGGGT
 GCTGACTATGCAGAGCCACCTGGAATCTGAAAGACCTCATAGTACTGAATGATGTGACCGTGTGATGG
 CCGTGGACGCGCTCGCTTCTCCACCCGTTGTCCAGCCCTGCCAACGAGGTCAACACGCCAGCCAGAT
 CAGTGAGCTGTTTACAGCATCACCTACAGCAAGGGAGCCTCAGTCCCTAGGATGTTGTCCAGCTTCTG
 ACAGAGGACCTGTTCAAGAAGGGCTTTCTGCTTACCTCCACACCTTCCAATACTCGAACACCATTTATC
 TGGACCTGTGGGAACACCTTACAGGAGTGGACAGTCAAGAGCTATCAAACCTCCAGCCTCAGTGAG
 CACCATCATGGACCGATGGATTCTACAGATGGGTTTTCTGTTACTGTGAACACCAGTACGGGAGAA
 ATCTACCAGGAACACTTCTCCTGGACCCACTTCAAACCTACCCGCCCTCAGATTTTAAATTACCTCT
 GGATTGTGCCATTCCTATCTCAAAAATGGAAAGGAGGATCACTACTGGCTGGAGACCGAGAAAACCA
 GAGTGCAGAATTCAAAACATCCTCCAATGAATGGCTTACTGAACATTAATGTAAACCGGCTACTACCAG
 GTTAACTATGATGAAAACAACCTGGAGGAAGATTGAGAATCAGCTGCAAACAGACCTTTCTGTTATCCCTG
 TCATCAACCGTGCGCAGATTATCCACGACTCCTTCAACCTAGCCAGTGTGGAAAGCTATCCATCACTCT
 GCCGCTGAGCAACACCCTTCTCCTGGCCAGTGAACAGAATACATGCCCTGGGAGGCTGCCCTGAGCAGC
 CTGAACACTTCAAGCTCATGTTTGACCCTCGGAGGTCTACGGCCCATGAAGCGCTATCTGAAGAAGC
 AAGTCACACCCCTCTTCGCTACTTCAAATCAAACCAACAACCTGGCTCGACCGTCTCCAACACTGAT
 GGAGCAGTACAACGAAATTAATGCCATCAGCACCGCCTGTCTAGTGGTCTCGAAGAGTGTAGGGATCTC
 GTTGTGGGCTTTATAGTCAGTGGATGAACAACCTCTGATAATAACCCGATCCACCCAACCTTCGGTCTA
 CTGTCTACTGCAATGCCATTGCTTTCGGTGGTGAAGAGTGGAACTTTGCTTGGGAACAGTTCGGGAA
 AGCAACTCTGGTGAACGAGGCAGATAAACTCCGCTCAGCCTTGGCCTGTAGCAACGAGGTGTGGATTTG
 AACAGGTACCTGAGTTACTCTGAACCCGACTACATCCGGAAGCAGGATGCTACCTCCACCATCGTCA
 GCATCGCCAACAACGTTGGACAACTCTAGTTTGGGACTTTGTCCGAAGCAACTGGAAGAACTGTT
 TGAAGATTACGGCGGAGGATCTTCTCCTTTGCCAATCTCATCCAGGGAGTGACCCGGCGCTTCTCCTCT
 GAGTTCGAGCTGCAGCAGCTGGAGCAGTTAAAGAGGACAACCTCGCCACAGGCTTTGGCTCCGGCACTC
 GGGCTCTGGAGCAAGCCCTGGAGAAGACTAAAGCCAACATCAAGTGGGTGAAGGAGAACAAGACGTGGT
 ACTCAAGTGGTTCACAGAAAACAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031012
Insert Size:	2898 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_031012.1</u> , <u>NP_112274.1</u>
RefSeq Size:	3320 bp
RefSeq ORF:	2898 bp
Locus ID:	81641
UniProt ID:	<u>P15684</u>
Cytogenetics:	1q31
Gene Summary:	a cell surface Zinc-peptidase [RGD, Feb 2006]