

Product datasheet for **SC214273**

NPEPPS (NM_006310) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NPEPPS (NM_006310) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NPEPPS
Synonyms:	AAP-S; MP100; PSA
ACCN:	NM_006310
Insert Size:	1386 bp



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Insert Sequence: >SC214273 3'UTR clone of NM_006310
The sequence shown below is from the reference sequence of NM_006310. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGCGGAAGGCCTCACCACCCACAGTGTGAATCCTGAGGTGCCGCCATTGGCGTCTTGCTGCTTCGCT
GCAGGGATAAGGTGGAGCTACCGAACAGCTGATTCATATGCCAAGAATTTGGAGTCTTCTTCAAACCA
GTGGGGTTGGACAATGAATGTAGTTAACTGGTTCCTGCTCACACTCCAGAATTAATTTCTATTGAAAA
AGGAAAAATCAGCAATTCAGCAAAAAATAAATAAAAAATAAAAAATGTAATATGATAGTAATAAATAGA
GCATAACGAAACTGTGAACTTTCTGAAGCCTTGTGAGTGGTTAAAAGTATTTAACACTCTACTGTTAA
TGACAGATGTTCTGTTTTATAACCTACCAAAAGGAACTAGAGGCTTCTGGTGAAGAGCATTTTTGT
GAAGTGGGTTCTGCAAGGAGCCTATAAAGCCAAGGTGGTGTCCATTTCTGGGAATGGTTAAACACAAA
AGGCTGATAGCTGGTATCACATAGTTGGAGTCAGTGCATAATTCCAAGTGGCTTTTTTTTTTTTTGGCA
CGGGGACTGATCAGGAAGATATATTCTGCATAACTCAATCTGAACCAAGGATTGTAGTTTGTGTTTCC
TCCTTGCCTTCCCTTCTGTGTGACCGACCCCTTGGCCAAAAAACAACAAAAGCAAAAAACAACCT
ACCTGTCTGGTTTTTTTCTCCCTTGTAGTCCACCCCAACCCCAATCCCTGGTGTCTTCTTAGA
GATGAAGAAATAAAGGAAACATCTTTCATAGCCACATTAATAAGAGAAACTGATATACATTATTTT
TTTTTTTTAAAGATGACTTATAAGAACCCTGAAATTTATATAGGTGAGACAATAGAAATAAAAAGATC
TTCAGCCAGGCCTTCTGAAGGAGTTATCTGCTAAAAATGGTCTTAGTTGTCTGAAAAGCCAGCTCTT
GAACCTCTCACAAAGATCAACTGGCTTCTCCCGTTCATTTTATGCGTGCGAGAAGTCAGTGGT
AACTGCTGCAGGGCTTAATACATTAGTGGTAACTGGTTTAAAAACAAGACTGTAAGCCTGTGTGTC
CACTGTTTGTCTCAACAGTATATCCTAATAAGCCTCACCTATTTAATCCAATGAGTTTTAAATCTAAT
CTCATTCCCTTCTTCTTCCCTACCTTTTTTTCTTTTTTTCTTAAAAAATATTTTGTGTATTAAACA
GAAATTCATATTTGGTGTGGCTTAACGGTATTTTCAAGAGTTCATCAGATTGTGAGACTGCTTCTTGAA
ACATTTTTGTGCTATTGTTTTAAAAAATAATTAACAGTTGGCGTTAATAAAAAATGTCAATGTGA
AACTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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_006310.4](#)

Summary: This gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle. [provided by RefSeq, Jul 2008]

Locus ID: 9520

MW: 54.2