

## Product datasheet for **SC216448**

### Aminopeptidase A (ENPEP) (NM\_001977) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Aminopeptidase A (ENPEP) (NM_001977) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ENPEP
Synonyms:	APA; CD249; gp160
ACCN:	NM_001977
Insert Size:	2000 bp



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**Insert Sequence:**

>SC216448 3'UTR clone of NM\_001977

The sequence shown below is from the reference sequence of NM\_001977. 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
TGGTTTTTAATTTACTTGAGAGTGGTAAATGTATTCAAATGTTAGAGTTTAAATTTGTGAATCTATTG
TTTCTCCTCTGAAGCATTGGTGGCCTAATTTACAAGCACGATGGAGAGAGCCTTATAAACAGATAATG
CTTTTACTAAGCACTGTGTTTATATGTCTTGCAAAGCCTTTAAATTTGTTCTCTTTGTTTATGAAGAAA
GATACTAATAGAGTACTTAATATACTCAGGGATTCCTTCTAAGTGTACTTCATAAGATATCTTTACAA
ACTGAAGATAATGAAATAGTTATTTTAAATACCTTTAAATATCATTCTTTGTATCTTAAATCTGTGAAGT
AGAACAATTTGGTCTTAGCTTTACATTTTCAGTACCAAAGAAACACCACTTAATCTTCTCTTGATTG
ATTTTTAAAGTTTAAATACCAGTACTTGAGGGACCAATATTACCATCTTAATCTTTATTTTATTATTCA
GAATTATACAGACCTAATATCATTTTATTCACATATGTCTTACTACTTTAAATCCTACCAAAGTAACCT
GGCCTTAAGTTTTACTTGAGGATCATATGAATTAGCCAAAAGAATGGCTGACTGTGCCTTTGCTCTTA
TAAATCAATAAGAGAACTCTCCTCTTTTTTAAATAAATCTAAATGATTATCTTGAAAAAGTATTG
TTTTCCAGTGTCACTTGACTCTTGAATAAAAAAATACTGCAGTGTCCCAATAATTTAACACATTGCA
AATATGATTCAAGAACTGGCCTTTTTCATGCTTGGTACTCTCTCTCTTGCTCCATTCTTACAAAGC
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AGAATTTAGCTTTGACCTCACCTAGCAATCTAAGTGTGAAAATGGGGAGACCTGTGGGCATCCCCAGCA
TGACTCTGCATATCTGAGCATATATCTCCTTATAGATCAATTTTATGTATAAACCTTAGATCCTAATC
CATACAGAATAGCACTGATCAAATTTAAATGCATGACTTGATTAAGACATCAATTTTATAGAAAGCTGG
TGGCAAGAATATGTTAATATGGCACTTGATACCTCCTAGATCCATAATGTAAGTCCAATAGGCAGAAA
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ATTTATACAATAATGTGCCCTAATCATGTACTCTGAACTTTATAAACTTTCTGTTGCTGTTTCTTAA
TTATCACTTCTCAATCCGTACAGCCAACTAGTAAATTCAAATGTAGACTGGGTTGTGGGTGGCAGATA
TAGAAGAAGAAATTTCCAGACCAAAAAATATTAATATTATTTTAAATTTTTCAGAAGCAAAAAACATA
TTAACATCAACTTACCAGAAAAACCCACTATCCTCATAAGATTAACCTAAAATCTGACCACAATC
AGAACCAGCACTGAAGTCTATGTATTGTTTCAAGTAGGACATATTATGAGGTGAGATGGTTTATCCTT
CTGTTTTATGAAATTAATACATTTTAAAAGAAAAATGTTAGTTTAAAGGGGTGGTAAATAAACAGATT
TCAACTTGCTACAAGACATTCTATTTTATGCCTTTTCTTTTGTGTTCTATTTTATTCTATTTTAAAG
CATTAAAACCTGAGAACAAATGTTTACTTCTTTTCACTCCACACGCGAAAGAGTTGTATGTACTTTGTC
AGAATAAGTCTTCTAGACCATCAGGTCCTTCTCAAACAACACCTGTTTTTAAAAGGCTGATGCCTAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
    
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**Restriction Sites:**

Sgfl-Mlul

**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\\_001977.4](#)

**Summary:** The ENPEP gene encodes glutamyl aminopeptidase, a type II integral membrane protein with an extracellular zinc-binding domain. This protein can upregulate blood pressure by cleaving the N-terminal aspartate from angiotensin II, and can regulate blood vessel formation and enhance tumorigenesis in some tissues. Along with ANPEP and DPP4, ENPEP was found to be a candidate co-receptor for the coronavirus SARS-CoV-2, which causes COVID-19. [provided by RefSeq, Apr 2020]

**Locus ID:** 2028

**MW:** 78.7