

## Product datasheet for **SC210730**

### Leucyl cystinyl aminopeptidase (LNPEP) (NM\_175920) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Leucyl cystinyl aminopeptidase (LNPEP) (NM_175920) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LNPEP
Synonyms:	CAP; IRAP; P-LAP; PLAP
ACCN:	NM_175920
Insert Size:	2000 bp



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**Insert Sequence:**

>SC210730 3'UTR clone of NM\_175920

The sequence shown below is from the reference sequence of NM\_175920. 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
AACCTCAAAGTCTCACATGGTGGCTGTAGCATGCACAACCCGACCTCATTTTGTGCCATTAGAGAG
GCTTGTAAAGCTTGGGCTCTGCCGCTTTTGCAAAAGCCAAGGTAAGCCAGGATCGCTGCCAAGTTGTTT
GCACTCTTTGGAGTTCTAGTTAGCTCAGGGCCTGACTGTATTTTTCATCCATCTTTTCTGAAGTGTCTT
TGGGCAGTATGTAGTTATTTATTACAAAATTATATTCACCTAAATGCCAACCATCTACAAAAACAATGA
GTAATTTTTCTACTTTGAAGATACACAGATGGGGACAAAACCCTGTTTTGGAATTCTGTCTATTCTCT
CAGTATCCAGAAAGTTACTGACACAGTAAACAAGGAAAGTTCTACCCTAAGAGCCGCCATCACTTCAG
GCCGCTGGTTTGCAGCCATCTGTTGCTTCTTATTGATAGATGGCATTGGAATGTGGTACAAAGTTAGC
TCTGAAGAATATGGTAACGAAGACAATAAAGCATGCACTGTAAGAAGTACCTCAGTGTGCAGATCTA
CTTTGATTTGGGGTTTTGATTAATCTTTATTTTTCTGAAAAAAGTTTAAATAATGTCTGTAAGTATT
GTGTTTTTTTTCTGCCAATAGCCAGGTGCTACAGATTTTTAAAAATTTTTGTTGTATTGAAAAGCTAAA
CAAGGCCAAAAGGTTAAATTTTTGAATATTTAAGACTTTCTTTTTCATCTTTTATAGCGTTACCATAG
GAAACTGTTCCAACTGAGTTAGCTTTAATTATAATTATTTTATTCATAAATGGTGATAGTCCCGAGAT
CTGTACACCTTTATCACTCCCTGCCGTAGATATACTTTAGGTTAGTATTTCTACATTCGTGGCAAGCAT
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TATTTTTGTTTGAACAGTTTCTATGTACATAAAAAGGGTATTTACCCATTTGTGAGCACTTAAAC
ACTCCACAGAGTCAGACAGTGGGAAAGTCAACCCTTTTTTATTCGGCAGGTATCAAGTTAGAATGTAT
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AAGCTAAAAAATAGTCTTCTTAAATCCTAGTGTGTTTTCCCAATTTAGTCTTTCTAAAAATTTATCT
GTTTTAGAGTAGAAAATATTATATCCTGAGAATCACAGAATCATCTAAATATGTCTTATTCAACTGAAG
TGATTGTAAGTCTTTATCTTGTGCTTTGGTAAATGAATGATAATTTAGTTGATAGTGAAGTTAATG
TGTTTTTATTTTTAGAGTGAGGGAAAAATACTAAACTTTTGAGAGTTTTGTTGTGCTTGTGTTTTT
TTACCATGTGGTACTAAATCCACTTTGATACAAAATTTAAATTTTGAACCTTCTCAAAATCACTTAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
    
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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\\_175920.4](#)

**Summary:** This gene encodes a zinc-dependent aminopeptidase that cleaves vasopressin, oxytocin, lys-bradykinin, met-enkephalin, dynorphin A and other peptide hormones. The protein can be secreted in maternal serum, reside in intracellular vesicles with the insulin-responsive glucose transporter GLUT4, or form a type II integral membrane glycoprotein. The protein catalyzes the final step in the conversion of angiotensinogen to angiotensin IV (AT4) and is also a receptor for AT4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

**Locus ID:** 4012

**MW:** 77.6