

Product datasheet for **SC214723**

Signal Peptide Peptidase (HM13) (NM_178582) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Signal Peptide Peptidase (HM13) (NM_178582) Human 3' UTR Clone
Symbol:	Signal Peptide Peptidase
Synonyms:	H13; IMP1; IMPAS; IMPAS-1; MSTP086; PSEN3; PSL3; SPP; SPPL1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_178582
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC214723 3'UTR clone of NM_178582
The sequence shown below is from the reference sequence of NM_178582. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TCTCGGGAACCAAGTACAGGGTCTTGGAGAGAACATGACTTTTGGCATCATTAGAGCCAGGTTTGAAT
CCTGGCTATAAACTCAAGGGACTCTTTCCCTGCACACTGTAGATGACTAGGACAAGAACAATGACCT
CTCTGGGCCACAGTTTCCTTATAGACATGATGAGGATCTGGTGGGTGTTCCACCACCACAGCTGTTGG
GAAAGTGATTTGTGAGCAGTAATGTCATGTTAGTTGTGACAGTACTCAGGTGAGTAACACCAGTACCAC
CTGCCGGGTGTTGTGGCCTAGCTGTGTGCTAAGTGCCATGTTGGGCTCCTCACACATGATCGTGTTCG
TAAGGAGCCAGAGGCAGCATAGTAAAAGTTAGGAGCGTGGGCTCTGGCATTGACTACCTTACTTTGA
GTCCAGACTCTGCCACTTAATAGCTCTGTGATCTTGGCAAGTTACTTAATCTCTCTGGCCTCAATTC
CTGGTGAATGTGGAGAAAAATAATAGTGCCCTTCCCATGGGTCATGTGGAAAGCTTTTAGCACAGTAT
CTGGTGATTTAAAGTGTTCAAGTAATATTAGCTGTTACTGTCATTATCTGTGTTAACCTGCCAGACAAC
CTTATATGGGTTGCTTTTGCTTTTACACCTGTATGATAGTCATGGAAGCTGAAGCCAGAGAGGTTAAG
AAATTTGCTAGGATCACACCACTAATAAGCAACAGAGCCAGGATCAAACCCAGGTGTGGCTCCAGAGC
CCATCCTCTTCCCACTGCTACCTAACTCAAAGTCCACATGCTCGTGTCTTTTCACTGGGGAGAGTGG
TTCATTAGAGGGGGTGTACTTTTATTTTGGACAGGCCAGTTCTCCATTCTGCAGGACTATCCCATGT
ATTACAAACAGTTGGCAACCTTGCCCTGCTCACCAATGGGAGTTGCATACCAGTATTTCCAGCTTGT
GACTACAGAGATGTCCAGTATGTTTCTTCTGCCCGTTGAAGAGGTGCAGCCTCAGGCTGAGAAACA
CTGATAGACCAAGAGGTGGCCAGGTTCCAGAAAGGAAGGAAGTACCTTGAAGTTAGCTTTCTTTGAA
GGGTAGGAAACCTGGAAGACGTACAAAGGAGGGAGAGGTCAAGTGCTAGAAAGTTTGTGCACATTGAGG
GCATGGGCAGAACTGCTCCCAAAAGCATTGAAAGCCAATATGAGGCCAGGTGGTGGCTCATGCCTGTA
ATCCCACTGCTTTGGGAGGCCAAGGCAGGCGGATCACAAGGTGAGGAGATTGAGACCATCTGGCCAAC
ATGGTGAAACCCGCTCTACTAAAAATACAAAAAATTAGCTGGGCATGGTGGTGCATGCCTGTAGTC
CCAGTACTCAGGAGGCTGAGGTAGGAGAATCATTGAACCTGGGAGGCGGAGGTTGCAGTGAGCCGAGA
TTGCACCACTGCATTCCAGCCTGGCGACAGAGTGAGACTCCATCTCAAAAAAAAAAAAAAGCCAATAT
GAATGTGGCTTCATTCTTCTAGGCACACTGGCAGGACAGTGTGGTAGTCAGGAGCACAGGCTCAAGAGG
CAGGCAGCCTTGGGACAAACACCTGGTGTGCCAGCTCTAATATGTGTAATTAAGCTCTGAGCA
TAGTTCTTCTACCTATAAAATGGAGAGACTACAGGTACCTCCTCAGAGGTGTGGGGAGGGTCTAGTGAG
CCCCAGGCTGTAAATCCCTAGAGCACAGTGCCAAAGCACACAGTGAGCCTAGTGGCTGGCCAGGGTTA
CACAGCTGAGACTTCACCTCTGGTCTTCCCACTGAGGTGATTGTTGTCCTCACCTGCACTGACTCTTCA
CCCACAAAATTCTATTCTAGCTAGCTTGGGAGAAATTCTAGTCCAGCCCCGCATCTGAAAAATGGAGGC
CCAGGGAACCTGAGTGACTTGGACCAACCAAGATAATGGCAGGCCAGTCGCCCTTGCTCACAGGAC
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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_178582.3](#)

Summary:	The protein encoded by this gene, which localizes to the endoplasmic reticulum, catalyzes intramembrane proteolysis of some signal peptides after they have been cleaved from a preprotein. This activity is required to generate signal sequence-derived human lymphocyte antigen-E epitopes that are recognized by the immune system, and to process hepatitis C virus core protein. The encoded protein is an integral membrane protein with sequence motifs characteristic of the presenilin-type aspartic proteases. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	81502
MW:	73.5