

Product datasheet for **SC210571**

Tripeptidyl peptidase II (TPP2) (NM_003291) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	Tripeptidyl peptidase II
Synonyms:	IMD78; TPP-2; TPP-II; TPPII
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_003291
Insert Size:	1672 bp



Insert Sequence:

>SC210571 3'UTR clone of NM_003291

The sequence shown below is from the reference sequence of NM_003291. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
ATGTATCCTCCGATTATTGCGTATTCTAAATAGGAAACAAGACTTTAAATTTTAAAAAGGAAGTTT
TATAGTGAATGGGTATAAAACAAATTTGTGGCATTCTTAGTCTAATGCATGTTTTCATCCACTATCCA
GTACTGATTATTAATGACATGTATTTATCAGAGAATTCAGTACGCTGGCTTAATACATGTAATC
TAGACCTCTGACATCATGGTGTCTTAAATGCCTCACATTGCTGGCACGGGATGTGCCCTGCCTGCC
AGCACCTAGGACTTCGAGTTGGGTTGCAGCTTATGACATGCATGATAGGTTTGAAGGTAACCTTTTAA
CTGCAACCTATAAAGTACTATTTTTATTTTATAAATGAACAGGGTTTAACTGCTCAACTTTAATT
TTTTCAATTGTATGAAGGCCTTAAAAAGCTACATTAAGCGTAGCTAAATTTTATTGGACTAAAA
ACTAACAGAACTTCATTTCCAGAATTTTTTTTTTTTTTTTTTTTGGCAAATGTTACATTCAATT
AAGGGGAAAAAGTAGAACCCAGCACAAATGAGTGGCAGTTGCTGGAGCATAACTGCTTCAATAAATCTTC
ATCTTGGGGTAATTACAGGCAAGTCATTTTACATCCTCTTGAGGTTTACAGAGCATCAGAATGAACCTCA
TGAATACATGTGTAAGTGCCAGACAGCTGAATCTTTATCAGGTATTGTAAGATACACATATGATATGT
TTATTTAAATGAAATAATGTAACACATGAATAAATTTGCAAAACCAAGATCACAGTACACCATATG
CACTCTGGTACCTTAATTTTTTTTTTATAAATAATAAAGTGAATATTGAAGCTTCTTAAAGTTGGTCTT
AATTTTTTATAAATAAATTTGGGGTTATAACAGAAATAATACATTAAATACATAGACAAAAAAGTTA
AACATAAGATAATCTATTTTACAGTGTCTTATAGGCTTACAATTATTTGAATGTATTTCCAGTCTCT
GTATGATTAACTTTGTGCATATCTAACTTTTTATTATTTTATCTTTGGCTACTGCACGTGCATCTCT
CGTCATTCTCCACCAATAAACAGACAAAAGTAGTATTGAAAAGTTTACAGTCCCTTATCTAATGGCA
AATTGTGTGTATGTATGATTTTTTTATCTTGTCTCTTAAGATTTACTGCTGCTTAAATTAACCTACAG
TAATCCTTAGTCACTCCCACTGTTTCTGCTGTATCTCATGAAGTGTTAGAGCGTTTATGAGAAACATA
AATACATGTATAAGCATATTGGTCACACCTTCTGGGCTAGCTAGGGTCCAAAGTCTATCCATGAAAGCT
ACATGCATGTTCTCTCTCACACACTCATGGACTTTCACCTGCACACACATACAGGTCCCATTTGTATA
GGTTTAGTCCAGTAAGAGAATGGAGAAGCTCAGTAAAGGTAGGATGACTTCCCAAGGTTATACGGCTGA
TCAACTGTTGGAATTAATTACAGACCTTGCTTTACAACCCAGGTTTGTCTATTTTCAAGTAAGTACTAC
CTACAGCAGGAATCAGTAACGTTTGGCCCTTAACCCAACTGGACTGCTGCCTGTTTTGTAAATAAA
GTTTTATTGGAACAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

NM_003291.4

Summary:	This gene encodes a mammalian peptidase that, at neutral pH, removes tripeptides from the N terminus of longer peptides. The protein has a specialized function that is essential for some MHC class I antigen presentation. The protein is a high molecular mass serine exopeptidase; the amino acid sequence surrounding the serine residue at the active site is similar to the peptidases of the subtilisin class rather than the trypsin class. [provided by RefSeq, Jul 2008]
Locus ID:	7174
MW:	64.4