

Product datasheet for **SC204583**

Thimet Oligopeptidase (THOP1) (NM_003249) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Thimet Oligopeptidase (THOP1) (NM_003249) Human 3' UTR Clone
Symbol:	Thimet Oligopeptidase
Synonyms:	EP24.15; MEPD_HUMAN; MP78; TOP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003249
Insert Size:	2000 bp



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Insert Sequence: >SC204583 3'UTR clone of NM_003249
 The sequence shown below is from the reference sequence of NM_003249. 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
GGCTGCGAGCCCGAGCCGAGGTCTGCTGAGGCCTGGCACTGCGACTGCCAGTCTGGCCTGCGCTCCC
GCCGCCCTGGTGCTTAGCCCCCGCACAGGATGGGGCAGGCTCTGGCACAGTGCCTGGGACTGGCAGG
GTGGCTGAGCGGCTGTCTTGCTCTTGTCATTGTCTGTCCCACCCGGTCGTGGCCACCCGGCTAGAG
ACGGCGTCTCAAGGCATCTGGAGGGCTTTCGTGGCTGCCAGGGCCTGGTCTTTGTTGACTAACACGT
CTCCTCTCTGGGAAACGTCCCTTGTGAGGACGGCTCTCTTTGAAATGAGGTCATTAAGGAAACA
GAAAAAGAGAGAGGCTCCCTGGCCTGGTACTGGCTCCTGCGCTTTTTTGGTCCGAGGACGGTGGGACG
GCGGGTCAAGGTCAGCCCTCGGGCTGTTGCCACACCAGGCCCTGGATTGGGGCTCAGGTCCTTGTTGGG
GGCGGGGGTGGGGGAGTAAAGGGCTGGGAACCAGTTCTGCCAGCCAGGCCGGCTGGGGGGTCTGAGA
GACTTCGGCTTCCTGCATGCTTCTCACCTGTTGTCATTCTGGAACATCCCCCGCCCTGCTCAGCTCT
GGCCATCAAGGACCAGGCTCCACTGGTCAAGAGTCTGGAAAGTCAAGGGCAGGCCCTGTGCGCACAGGC
AGCCGGGGCGGGGCTGGGGGTCAGCAGCTGCCACCCTCTCATCCACAGGGGAAGGCCGGGCTACTCC
AGCTTCTTAGGCAGAGTCTCTGGGGTTCCTGTTGGACACAAGTGAACCAGGTGAACCAGGGCAGCTGC
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ACAAGTGGATGCTCCCCGTCTTTCAGTCCCAGTGTCTGATGTTTTCTCCCGCAGTGTGAGTTTTCTC
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AGATACTCACAGCTCAGAGCGGGTCCCATAGCTTGCACCTGAAGCCCCAACTACTCAGGAGGCTGAGGC
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GCAAGACTGTCTCTAAAAAACAATAATAATAAAATACCTGGGGTTCAGAAAAGAAAAGCTGGAAGGCA
AAGCCGACCGACTGGGCAGAGGTGGAGATGGCAAGTCTGGGGCTCCCTCATCTCCCCTGCCCGAG
CCCTCAGGTGGCTCCACCTGGTCCCAGCAAGTCCCAGTTGTGCAAGAGCACCCAGCTGGGCCCT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_003249.5](#)

Summary: The protein encoded by this gene is a kininase that uses zinc as a cofactor. The encoded oligopeptidase cleaves cytosolic peptides, making them unavailable for display on antigen-presenting cells. This protein also cleaves neuropeptides under 20 aa in length and can degrade beta-amyloid precursor protein to amyloidogenic peptides. [provided by RefSeq, Nov 2015]

Locus ID: 7064

MW: 70