

Product datasheet for **RN211250**

Thpp1 (NM_031357) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thpp1 (NM_031357) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Thpp1
Synonyms:	Cln2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211250 representing NM_031357
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGACTCCAAGCCGCTTCTAGGACTCCTGTCTCGTCATCGCCGGCAAATGCACTCACAGCCCCG
 AGCCGGACCAACGGTGGATGCTGCCTCCAGGCTGGGTGTCACTGGCCGAGTGGATCCCGAGGAAGAGCT
 GAGTCTTACTTTTGGCGTGAACACAGACAACCTGGACAGACTCTCGGAGCTGGTGCAGGCTGTGTGGAT
 CCCAGCTCTCCTCGATATGAAAAGTACCTACCCTAGAGGATGTAGCTGAGCTGGTCCAACCATCACAC
 TGACCCTCCGCACTGTCCAAAAGTGGCTCTTGGCAGCTGGAGCCCGGGACTGCCATTCACTGACCACCA
 GGACTTTCTGACTTGGCTGAGTGTCCGGCAGGCTGAGCTGCTGCTTCTGGGGCTGAGTTTCATCGC
 TATGTAGGGGGACCTGCAAAGACCCACATTATAAGGTCCACACATCCCTATCAGCTCCCCAGGCCCTTGG
 CCCCTCATGTGGACCTTGTGGCGGGCTGCACCGTTTCCCCCTTATCATCTCCGAGACAACGTCCAGA
 GCCACAAGGAGTGGGACCTGTTGGCCTGCACCTGGGAGTACTCCATCTGTGCTTCGTGACGATATAAC
 CTGACAGCCCGAGATGTGGGCTCTGGCACCACCAACAATAGCCAGGCCTGTGCCAGTTCCTGGAACAGT
 ACTTCCATAACTCGGATCTGACTGAGTTCATGCGCCTGTTTGGTAGCAGTTTTGCACACCAGGCCTCAGT
 AGCAAGAGTGGTTGAAAAGCAGGGGCGAGGCCGAGCGGCCATCGAGGCCAGTCTAGATGTGGAATACCTG
 ATGAGTGTGGTCCCAATATCTCCACTTGGGTCTACAGTAGCCCTGGCCGCCATGAGGCACAGGAGCCCT
 TCTTACAATGGCTCCTGCTTCTTAGCAATGAGTCATCCTTGCCGCATGTACATACTGTGAGTTACGGAGA
 CGATGAAGACTCCCTCAGCAGTGTCTACATCCAGAGAGTCAACTGAGTTCATGAAGGCTGCTGCTCGG
 GGTCTCACCCCTCTTTTGGCCTCAGGTGACACTGGAGCTGGGTGTTGGTCTGTCTCCGGAAGACACAAGT
 TCCGCTAGCTTCCCTGCTTCTAGCCCTATGTCACACTACAGTAGGAGGAACCTCCTTCAAGAATCCTTT
 CCTTGTACAAAATGAAGTAGTCGACTATATCAGTGGTGGAGGCTTCAGCAATGTTTTCCACAGCCTTCA
 TACCAGGAGGAAGCAGTAGCCAGTTCCTGAAAGTCCAGCTCTCATCTACCACCATCTAGTTACTTCAATG
 CTAGTGGCCGTGCTTACCAGATGTTGCCGCGCTTCTGATGGCTACTGGGTGGTCCAGCAACATGGTCCC
 CATTCCGTGGGTATCTGGAACCTCGGCCTACTCCAGTGTGGGGGAATTTTATCCTTGATAAATGAG
 CACAGACTCCTCAATGGCCGCCCTCTAGGCTTCTCAATCCCAGGCTCTATCAGCAGCATGGGGCAG
 GACTCTTTGATGTAACCCATGGCTGCCATGAGTCTGTCTGAATGAAGAAGTGGAGGTCAGGGTTTCTG
 CTCTGGTCTGGCTGGGATCCTGTGACAGGTTGGGAACACCAACTTCCAGCCCTACTGAAGACTCTA
 CTC AACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031357
- Insert Size:** 1692 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_031357.1](#), [NP_112647.1](#)

RefSeq Size: 2485 bp

RefSeq ORF: 1692 bp

Locus ID: 83534

UniProt ID: [Q9EQV6](#)

Cytogenetics: 1q32

Gene Summary: human homolog catalyzes the removal of N-terminal tripeptides from polypeptides, also has a minor endoprotease activity [RGD, Feb 2006]