

Product datasheet for **RN210017**

Thpo (NM_031133) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Thpo (NM_031133) Rat Untagged Clone
Tag: Tag Free
Symbol: Thpo
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210017 representing NM_031133
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCTGACTGATTTGCTCCTGGTGGCCATACTTCTCCTCACCGAAGACTAACTCTGTCCAGCCCAG
TTCTCCCGCCTGTGACCCAGACTCCTAAATAAACTGCTTCGTGACTCCTACCTCCTTCACAGCCGACT
GAGTCAGTGTCTGACGTCAACCTTTGTCTATCCCTGTCTGCTGCCTGTGGACTTTAGCCTGGGA
GAATGGAAAACCCAGACGGAACAGAGCAAGGCACAGGACATTCTAGGGGAGTGTCCCTTCTACTGGAGG
GGGTGATGGCAGCAGGAGCAGTTGGAACCTCCTGCCTCTCATCCCTCCTGGGACAGCTTTCTGGTCA
GGTTTCGCCTCCTTTGGGAGCCCTGCAGGGCCTCCTAGGAACCCAGCTTCTCCACAGGGCAGGACCACA
GCTCACAAGGACCCAGTGCCCTCTTGTGAGCTTGAACAACCTGCTTCGGGAAAGGTGCGCTTCTGCT
TGCTGGTAGAAGGTCCCGCCCTGTGTGACAGCGGACCCTTCCACACAGCTGTCCAAGCAGAACCTC
TCAACTCCTCACACTAAACAAGTCCCAAACAGGACTTCTGGATTGTTGGAGACGAACCTCAGTGTGTA
GCCAGAAGTGTGCCCCTGGACTTCTGAACAGGCTTCAAGGATTCAGAGCCAAGATTATCTGCTGAGC
TAAATCAAACCTCCGGGTCTTAGACCAAATCCCTGGATACCTGAACGGGACACACGAACCTGTGAATGG
AACTCATGGGCTCTTTGCTGGGACCTCACTACAGACCCTGGAAGCCCAGACGTTGTGCCAGGAGCTTTC
AACAAAGGCTCCTTGCCACTCAACCTCCAGAGTGGACTTCTCCTATCCAAAGCCTTGCTGCTGATGGAT
ACACACTTTTCCCTCCTTCACTACCTTCCCCACCCTGGGTCTCCACCCAGCTCCCCCGTTTCTCTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031133
Insert Size: 981 bp



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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:	<ol style="list-style-type: none">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_031133.2 , NP_112395.1
RefSeq Size:	1406 bp
RefSeq ORF:	981 bp
Locus ID:	81811
UniProt ID:	P49745
Cytogenetics:	11q23
Gene Summary:	lineage-specific cytokine; important for proliferation and development of megakaryocytes and platelets; may be the major regulator of circulating platelets [RGD, Feb 2006]