

Product datasheet for MC209526

Thpo (NM_009379) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thpo (NM_009379) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thpo
Synonyms:	Mgdf; Ml; Mp; Mpllg; T; Tpo
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209526 representing NM_009379 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCTGACTGATTTGCTCCTGGCGCCATGCTTCTTGCAGTGGCAAGACTAACTCTGTCCAGCCCCG
TAGCTCCTGCCTGTGACCCAGACTCCTAAATAAACTGCTGCGTACTCCACCTCCTTCACAGCCGACT
GAGTCAGTGTCCCGACGTCGACCCTTTGTCTATCCCTGTTCTGCTGCCTGCTGTGGACTTTCAGCCTGGGA
GAATGGAAAACCCAGACGGAACAGAGCAAGGCACAGGACATTCTAGGGGAGTGTCCCTTCTACTGGAGG
GAGTGATGGCAGCACGAGGACAGTTGGAACCTCCTGCCTCTCATCCCTCCTGGGACAGCTTCTGGGCA
GGTTCGCCTCCTTTGGGGGCCCTGCAGGGCCTCCTAGGAACCCAGCTTCTCTACAGGGCAGGACCACA
GCTCACAAGGACCCCAATGCCCTCTTCTGAGCTTGCAACAACCTGCTTCGGGAAAGGTGCGCTTCTCTGC
TTCTGGTAGAAGGTCCCACCCTCTGTGTGACAGCGACCCTGCCAACCCAGCTGTCCCAAGCAGTACTTC
TCAACTCCTCACACTAAACAAGTTCCCAACAGGACTTCTGGATTGTTGGAGACGAACCTCAGTGTACACA
GCCAGAAGTGTGGCCCTGGACTTCTGAGCAGGCTTCAGGGATTGAGTCAAGATTACTCCTGGTCAGC
TAAATCAAACCTCCAGGTCCCAGTCCAAATCTCTGGATACCTGAACAGGACACACGGACCTGTGAATGG
AACTCATGGGCTCTTTGCTGGAACCTCACTTCAGACCTGGAAGCCTCAGACATCTCGCCCGGAGCTTTC
AACAAAGGCTCCCTGGCATTCAACCTCCAGGGTGGACTTCTCCTTCTCCAAGCCTGCTCCTGATGGAG
ACACACCCTTCCCTCCTTCACTGCCTTGCCACCCACCATGGATCTCCACCCAGCTCCACCCCTGTT
TCTGACCCTTCCACCACCATGCCTAACTCTACCGCCCTCATCCAGTACAATGTACCCTCATCCAGG
AATTTGTCTCAGGAAACA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_009379
Insert Size:	1071 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:	<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:	<u>NM_009379.3</u> , <u>NP_033405.1</u>
RefSeq Size:	2416 bp
RefSeq ORF:	1071 bp
Locus ID:	21832
UniProt ID:	<u>P40226</u>
Cytogenetics:	16 12.51 cM
Gene Summary:	<p>This gene encodes a humoral growth factor necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. The encoded protein is a ligand for the product of the myeloproliferative leukemia virus oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR, compared to variant 2. Both variants 1 and 2 encode the same isoform 1.</p>