

Product datasheet for **MC218364**

Thg1l (BC092541) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thg1l (BC092541) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thg1l
Synonyms:	RP23-298M7.6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC092541 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGGCTTTCCGCACAGCGAGGATCGGCAGTCTTTGGCTGCTACTTCCGTTATTTAAGACGGTGCC
TGAGATTGGGGTGGCCATGGCCAAGAGCAAGTTGAGTACGTGCGGAATTTGAGGTTCCAGGACACATG
CCTGCCGCACTGTGGTGGTGGTGGCTGGACGGCCGGAATTTCCACCGGTTTCTGAGGAGCACAAC
TTTGCCAAACCTAATGACAGTCGGCCCTCCATCTGATGACCAAATGTGCCCAGACAGTAATGGAGGAGC
TGGAGGACATTGTGATTGCGTACGGCCAGAGTGACGAGTACAGCTTTGTGTTCCAGGAAGAAGAGCAATTG
GTTCAAAAGAAGAGCCAGTAAGTTCATGACTCTCGTGGCCTCCAGTTTGCCTCCAGTTACGTATTTTAC
TGGCGGGATTACTTTGAGGACCAGCCCCTTCGGTATCCTCCAGGATTTGATGGGAGAGTCGTGTTGTATC
CTAGCAACCAGACTTTGAAGGACTACCTCAGCTGGCGACAGGCAGACTGTCACATCAATAATCTTTATAA
TACAGTTTTCTGGGTCCTTATCCAGCAGTCTGGACTAACACCAGTCCAAGCCCAGCAGAGATTAAGGGA
ACTCTGACGGCCGACAAGAATGAGATTCTGTTCTCTGAGTCCACATCACTACAACAATGAGCCACACA
TGTACAGGAAAGGGACGGTGTGGTGGTGGCAAAAGGTGGAAGAAGTCAAGAACAAAGAATCAGGCTGCC
AGCAGAAATGGAAGGGGAAAAGAAGGCCGTGGCTCGGACCAAGCCCGGTTGGTGGCCTTGAACCTGTGAT
CTTATTGGGGATGCCTTCTGGAAGGAACCCAGAGATTCTGGCGAAGAGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC092541
Insert Size:	897 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:	<u>BC092541</u> , <u>AAH92541</u>
RefSeq Size:	1309 bp
RefSeq ORF:	896 bp
Locus ID:	66628
Cytogenetics:	11 B1.1
Gene Summary:	Adds a GMP to the 5'-end of tRNA(His) after transcription and RNase P cleavage. This step is essential for proper recognition of the tRNA and for the fidelity of protein synthesis. [UniProtKB/Swiss-Prot Function]