

Product datasheet for **RN208001**

Thoc1 (NM_001047850) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thoc1 (NM_001047850) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Thoc1
Synonyms:	LRRGT00070
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN208001 representing NM_001047850
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCTCCGACGCCGGCGCTTTTCAGTTTGCCCGAGGCGCGGACGCGTTTACGATAAATCATTAGCAT
GTGAGAACGTTTTAGCTATTATTTCTCTTGCCATTGGGGGAGTAACAGAAAGTGTCTGTACTGCGTCCAC
ACCATTTGTGCTATTGGGAGATGTCTTGACTGCCTTCCTTTGGATCAGTGTGACACAATATTCATTTTT
GTCGAAAAAATGTTGCCACTTGGAAAGTCAAACCTCTCAGGAGACAGCTATATCAGGCTCCTGTCAGCAT
GCACCTTCTGGCGTCAGCAATATTGTTTGGGTTTGGTAGCTGAATATGGGCTGGATCCCCAGCATACTGA
GGATAGAGAGGAAGGGATGGATGTAGAAGAAGGTGAAATGGGAGATGATGAAGCCCCACGACTTGTCT
ATTCCAATTGATTACAACCTGTACAGAAAATTCTGGTCACTTCAGGATTACTTCAGGAACCCAGTACAAT
GCTATGAGAAGATTTCTGGAAAACCTTCTCAAGTATTCTGAAGAAGTTTTAGCTGTCTTTAAAAGTTA
TAAATTAGATGATACTCAAGCCTCCAGGAAGAAGATGGAAGAAGTGAAGGAGGAGGAGCAGCGTAC
TTCGCAAAGTTCTTAACAAGCGAGAAGTTGATGGATTTACAACCTGAGTGACAGTAACTTTTCGTCGACACA
TCCTGTTGCAGTATCTCATTTTTATTTTCAGTATCTCAAGGGACAGGTCAAATTCAAAAGAGCATCAGATAC
CAAGCCCCAAGAGTGGTACGGAAGAGAGCAGCCCCAGAAGACTTCTTAGGCAAAGGGCCCAATAAGAAA
ATCCTGATTGGAAAAGTATTACACATAAACCTCACTGTTTACTTTACAATGACCAGAGAATACATGCCAA
CTTTGGAGGAGTTCTTTGAAGAAGCCATTGAACAAGCAGATCCTGAAAACATGGTTGAAAGTGAATATAA
AGCCGTAATAATTCAAATATGGATGGAGAGCTCTCAGACTCTTAGCCCGGAGAAGCCCTCACTTCTTC
CAGCCAACTAACCCAGCAGTTTAAGAGTCTGCCAGAGTATCTTGAAGCATGGTGATAAAGCTAGCCAAGG
AACTACCACCCCTTCTGAAGAAAATAAAAACAGGTGAGGATGAAGATGAGGAAGATAATGATGCTTTACT
AAAGGAAAATGAAAGTCTGATGTTTCGGCGAGATAAACCTCTAACAGGGGAACAGATAGAGTCATTTGCC
AACAACTTGGTGAAGATGGAAGATTTTGGCTCCTTACCTGGAATTAAGACTCTGACATTAGGCAGA
TTGAATGTGACAGTGAGGACATGAAGATGAGAGCCAAACAGCTCCTTGTTCCTGGCAAGATCAAGAAGG
AGTTCACGCAACAACCTGATAACCTGATTGGTGCCTGAACAAGTCTGGGTTAAGTGACCTTGCAAAAAGT
CTAACTAATGACTGAAACAAACAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001047850

Insert Size: 1500 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_001047850.1](#), [NP_001041315.1](#)

RefSeq Size: 1500 bp

RefSeq ORF: 1500 bp

Locus ID: 291797

Cytogenetics: 18p13