

Product datasheet for **RN217663**

Thoc2 (NM_001191756) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Thoc2 (NM_001191756) Rat Untagged Clone
Tag: Tag Free
Symbol: Thoc2
Synonyms: RGD1561623
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217663 representing NM_001191756
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCCGCGACTGTGGTGGTTCCCGCAGAGTGGATAAAGAACTGGGAGAAATCAGGGAGAGGCGATT
TTTTGCATTTATGCCGATTCTCAGTGAACAAAAGCCATGACAGTTCGACCTACAGAGATTTTCAGCA
AGCTCTCTATGAGTTGCATACCATGTCATTAAGGGAAATTTAAAGCACGAACAGGCATCCAGTGTCTT
AATGACATTAGTGAATCCGTGAGGATATGCCTTCTATCCTTGCTGACGTGTTCTGCATATTAGATTG
AGACAAATTTGTTAGAAGAAAAAGCAAGAGAGACTATTTTACACAATTGGTATTAGCATGTTTGTATTT
AGTTTCAGACACAGTTCTGAAGGAACGATTGGATCCAGAACTTTGGAATCTTTAGGGCTTATCAACAA
TCACAGCAGTTCAACCAAAAGTCAGTAAAAATCAAGACAAAACCTTTTTATAAGCAGCAAAAATTC AAT
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TACTAGTGATTTAATATTAGAAAATATCAAATCTTTAATAGGATGCTTTAATCTGGATCCCAATAGAGTT
TTGGATGTCATTTAGAAGTATTTGAATGCAGGCCAGAACATGATGACTCTTTATATCGTTATTAGAGT
CTTACATGAGTATGTGTAACCAACAACTGTGCATATTCTGGATTCAAATTCAGTTTTATCAGGA
ACCAAGTGGTGAGACGCCCTCGTCTTTGTACAGAGTTGCAGCAGTCTTCTGCAATTTAATCTCATTGAT
CTAGATGATCTTTATGTACATCTCTCCAGCTGATAATTGTATTATGGATGAATACAAACGAGAAATTG
TGAAGCTAAGCAAATTTAAGAAAACCAATGGTTGTACTGTCTTCTGAAAACTTGATGAACGAGA
CAAAGAAAAGGATAAAGATGACGAGAAAGTAGAAAAGCCACCTGACAACCAAAAACCTTGGTTTGTGGAA
GCTTTGTTAAAGATTGGTATTGGCAGCATGCACAGAACATCATGGATCAGATGCCTCCGTAATGACAG
CTTCACATAAGCTAATAGCTCTTGCTATTTGCAAGCTCATTACATAACTGTCGAGCCTCTCTACCGAAG
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CATTTCCTATCAGCATAGATATCGTCTATATGGCCAGTGAAGAATGAACTTATAATGGGCACCCACT
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 GTGAAGCCTTCGGGAAGACAAAATGGCAAGCTGAGCCATAGTAATCCAACAATTTTGTGGATTATATCT
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 CCTCTCCAAGGAATGCTGTTGCCAGTGTACAAAATGGGCCTGGTGGTGGGACTTCTTCATCATCCATAG
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 AGACTCCAGCTACAACCTCCAGAGGCCAGGGTACTTGGTAAAGAAAAGTAAAGAAAACCGAAGGAAGAGCG
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 TTCAAGAAAGGAAGAAAAGCAAAAGATGAGAAATTCAGAACCACTGTCCCAGCGTAGAATCAAAATCGA
 CTCAAGAAAGGGAAGAGAGAAGGAGCCATCCAGAGAAAGAGATGTAGCAAAAGGAATGAAGTCAAAGGA
 AAATGTTAAAGGAGGAGAAAAACCACAGTTTCAGGGTCTTGAAGTCACTGTTCCCGCATCAGATATC
 TCGGAGCCTGACAGAGAACAAAAACCGCCGAAAATTTGATACTCATCCTTCTCCATCACATTCCTCCACTG
 TAAAGGACAGTCTCATCGATCTCAAGGACTCTCAGCAAAGCTTACATTAACCATAATCTCCACCCT
 GTCCAAGAGTAAGGAGAGAGAAATGGACAAGAAAGATTTGGACAAGTCAAGGGAAGATCCAGAGAAAGA
 GAGAAAAAAGATGAAAAGGACAGGAAAGAGCGGAAAAGGGATCATTCAAACAATGACCGTGAAGTCCAC
 CGGACATAACAAAGAGCGGAAAGAGGAGAATGGAAACAATGGGGTTTCAAACACAAAAGTGAAGTCC
 ATGTGAGTCTCAATATCCAAATGAGAAAGACAAAGAGAAAAAATAGTCAAATCTTCAGGCAAGAAAAA
 GGCAGTAGTGATTCGTTTAAATCTGAGAAGATGGATAAAATCTCCTCTGGTGGCAAAAAGGAATCCAGGC
 ATGATAAAGAAAAGATAGAAAAGAAAAGAAAACCGGATAGTTCAGGAGGAAAAGAGAAGAAAACATCA
 TAAGTCTCTGACAAGCACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001191756
Insert Size:	4785 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191756.1, NP_001178685.1</u>
RefSeq Size:	7636 bp
RefSeq ORF:	4785 bp
Locus ID:	313308
Cytogenetics:	Xq35