

Product datasheet for **MC202508**

Thoc6 (NM_001008425) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Thoc6 (NM_001008425) Mouse Untagged Clone
Tag: Tag Free
Symbol: Thoc6
Synonyms: F830014G06Rik; Wdr58
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC085131 sequence for NM_001008425
 GCGCTTTTTCAGCATAAGGGTGCCTTCGTGTAGTTCTCCTAGGTTTCTGTGGTTCGAGACAGCACGGACCTG
 CCGCCTTAGTTGCTGGGCGACAGGCAGTCTAGGTCCTGGGGCGTAACGAGAAGAGCCACCATCAGGCAC
 GTCGGAATCGAGAGTTGTGTCGTGCGTCGAGAGATTGTGTACACGTAGAGCCCTCTGGGACTGTAG
 TTCTCAAGATGGAGCATGCCGACCCGCTCGCGGTGCCTCTGGGTGAGGCTGAGGTATTTAGGCCCTGCA
 GCGACTGCACATGACCATCTTTCCAGAGTGTCTCCCTCGGGAAAGTTTCTGGCAGCTGGCAACAAT
 TACGGGCAGATTGCCATCTTCAGTTTGTCTGCTGCCTTAAGTTTCAAGAGCCAAAGAAGAAAGCAAAAAAC
 CGGTGGTGGTCTCCACGCCCATGACGGGCTGTCTACAGCATGGTCTCCACAGATCGACACCTACTCAG
 TGCTGGCAGTGGAGAGGTCAAGGGTTGGCTTTGGGCAGAAATTCTCAAGAAGGGCTGAAGGAACTGTGG
 CGTCGCCAGCCTCCATACAGGACCAGTCTGGAAGTACCCGAAATCAATGCCTTGCTGCTTGTCCCAAGG
 AGAATTCGCTCATCCTGGCTGGGGGAGATTGTGAGCTGCACAGTATGGATCTGGAAGTGGGGCCTTCAC
 ACGGGCCCTCCGGGGCCACAGACTACATCCATTGCCTGGCACTGAGGGAGCGCAGCCCTGAGGTATTG
 TCTGGCGGTGAGGATGGAGCTGTACGGCTTTGGGATCTCCGTATAGCCAAAGAGGTCCAGACCATCGAAG
 TCTACAAGCATGAGGAGTGTCTGAGGCCCCATAATGGGCGCTGGATTGGCTGCTTGGCCACTGACTCAGA
 CTGGATGGTCTGTGGAGGGGGCCAGCCCTCACCTCTGGCACCTCAGGTCTTCCACACCCACTACCGTC
 TTTCTATTTCGAGCACCACAGAAGCAGTCACTTCTACCAGGATCTGATCCTGTCTGCTGGCCAGGGCT
 GTTGTGCAATCACTGGCAACTGAGCGGGGAGCTTAAGGCCAGGTGCCTGGCTCCTCCAGGGCTGTCT
 CAGCCTGAGCCTCAACCAGCAGCCAGCAGCCAGAGTGAAGGTCTGACTGCATCGGGCAACAGCTGT
 CGAGTAGATGTCTTTACCAACCTGGGCTACCGAGCCTTCTTTTGTCTTTTACATCATGACCCCTGTAT
 TTCAGGAGCTAGAGTGTGCTTGTGTTTTGGGATAGGGGTTTTAACTTTAGCTCAGGCTGCCTGGAAAC
 TCAATTTGGCTTAGCTTGTCTCAAACCTCTGTATGAGATTTAGCTTGGTGAACCGTTACATTCAGCTTTT
 GTTGTCTGTCAAATAAAATTTTAGGCTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_001008425
Insert Size: 1026 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:	BC085131 , AAH85131
RefSeq Size:	1461 bp
RefSeq ORF:	1026 bp
Locus ID:	386612
UniProt ID:	Q5U4D9
Cytogenetics:	17 A3.3
Gene Summary:	Acts as component of the THO subcomplex of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and which specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway. Plays a role in apoptosis negative control involved in brain development (By similarity).[UniProtKB/Swiss-Prot Function]