

Product datasheet for RN217712

Thada (NM_001191769) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Thada (NM_001191769) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Thada
 Synonyms: RGD1560519
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN217712 representing NM_001191769
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTGTGAAGAAGAAAAGAGAAATGCAGTTTGTGCTGACTGACTGTCTGTCATCAGGACCTGGAACTC
 TGAGATCTTTTGTGATGTGGAAGGAAAAATCTAGCCTCTTTGTGTTACATTGTACAGCTCACAGA
 TGGGGTGCACAAATCCACTCTGTTAAACAGATTGTGCCTCTCCTGGAGAAGGTCGATAAAAACGGTGTG
 TGGCATCCATTATTCAACGTTGTTGGATATTTAGCAAGCATTATTTTTCTTGACTCTGAAGAACC
 CCTTGAAGAAAAGTTTTGGCAAGCTCACTCAATGGCCTACCTGAATGTTTTCTAAATGAGGCTGCACACAG
 TTTTACTTTTTATCTTCAAGAAGAATTAGATACTGCTGACTTACATTCTTATAGAAAAGTAATGGATAAC
 ATATCTTCCTGCATGGAGAACTTAACTGGGTAGAGCAAGTGTGTCAACCTGCTTCAAACCGTCTTC
 ATTTTCTGCAGAAGAGTCTAATTGAAGTCCAGGAAGAAAACAGAAAATTTGCTGGAAATCATATTGTTCA
 AACACAGTTAATGAATGACTTGTGGTAGGTGTAGAGTTGCCATGACATTGGTACAGAAAGTACAAGGG
 CCCCAGAGCAACCTTTGGAATGATTCCAGCTCTCCATCTGGCAAAGTATGTGTGGCTTGCTGAGCATT
 TCACCAGTTTTTAAATGATGATGACCTGCTGCAGACTATTCAGAGTACGCTGGATTAGCTGTTATTCT
 TTTCAATTAAGACCATGTTCCGACCGTCTGAGAAGCTGCCTGGGTTGATCAGCAGCTTCTCTCCAGTCA
 GCTGACTGCACCAGCATCCCTGATTGGCTCATGAGCAGCTGTAGGAGCCTCTGCTGTGCTGATGTGCCAG
 CCTCAGCTCTCCTGTTCTGTGTCAGGGAACACTTGCCATGTTGGACTGGCAGGATGGCAGCATGGGCC
 AAGCAGGGAGGCTTTGCTCTTGGATACTGTGCATGTTTTGTTACCTTGAGTTCACAGATTAAGGAGTCA
 AACTAGAAAATGTTCTGTCTAGAATCTTGGCATCTTGGACCAATTCAGCCATACAAATCCTTGAATCAA
 GTTCCCCAAGCCTAAAGGATCATCTGAATGGGATTCAAGCATACCTAGGAGACTTTTGAATATGTCTA
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 TGAACATATTTGGCAATAGATAAACTATTCCATCTCAAATCCTAGAGGTGATGGGAGACCAGTCATTG
 GTACCTTATGCAAGTGACCTCTTGGAAACCATGTTAAAAATCATAAGAGCCATTTGAAGTCCCAAACCTG



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TCACCAATACCTGGATGGATAAGTGGCATGAGACTTGGGTTTTCTGTCTTTCTGTACTGTGTGGAGG
AAACTTGGATCAGAGGTCTTATGTGATTGATTACTTCCGAGGTTACTGAATTACAGCCCCGAGAGC
CTACACTACATGGTGCAGATTCTTACAGCCTATTGATACGGAACTGGGTCGTGTAATCACAGAGGGG
CTTTGGGAGCTTTGATGGCATGTCTACGAACAGCTAGAGCTCATGGACATCTTCACTGCAACTCATGC
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GACACACTAGGCTTGCCTTGTGAAAGCAGTCCGAGCACAGAAGTGGTCTCCAGAGAAGAAATGCAATGGG
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TACAAAGTTGTTTTGTAGGATACAAGAAAGTTCTCAGGTAAGTATAAATTAGAGCAAAGGAACTCCACA
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AACCATTTAGGATCAATAGCTGAAGTGTTCCTGCTTCAAAGGTAACATCCAAACAGTGTATCAGCTG
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ATCCCTTTCTTCTCAAACAATTGAAAATGTAGCCAATACAGTGGACAGTACCTGGGAGACCCTGATGG
CCACCCCGGATGTTCTTACTCCTGGTGTAGAGAGACTCTACCCATCTCCGATGGATGGCAGCGCG
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GTTTTTCATTTGTTACAAGCCTACATTACAGACTCCAAACACAGAATAAATGCAGATTTCTTCCAGGAG
TGAGTGACATCACTGTTTGTACCAAGCCAAACTCTGGCTAGCCATGAGGCAAAATCCATGCTTGGTAAAC
CAGAGCTGTGATATTGATATTCTTCTCTGCTGACTCACTGCCTGGACAGACCCGAGGAAGGGAAGCAC
ACAGCTCTGGAGAGTCTTACTTCTGGGAAGATGTGAGAAGAATTATCTTGGGATCAGAGCTGATCACGG
GGTTCCCTGGACCTCAAGGTTCCAGGCTGCCCAAGTACCTGCAGAGCCTTACCAAGTTAGCCATCCC
TGAAGTGTGGGCATCGTGGCTGAAGCTGAAGGGCAGGCTACTGCTGTTCTCTCTCTTTTCTCAACTT
CTCAAGTCTTCTTCCCTGAAGTGCCTTGTGGCCCTGGATGCACTGCTGGAAAGGGCGGCTTCTCTG
AACAGGGGCAGAAGGGTCCCTTCCCTTGTGTACAGCATGGGAGAGGAGTTCCTACTGCTGGCAATGAA
GGAAGACCACCCAGGATGTTTCTGCAGGCTCCTGAAGATTCTCTATCACTTGAACCCAGTGAATGGCTT
CCTCAGACAGAGTCTGTTCACTCTCCCAAGGAGTTCTGGTCTGGACTATGGATATTGCTTCCA
ATGACAGATCTGAAATCCAAGGTGATCTCTGAGGCTTGCTCCAAAATAATTGCCTACCTTGTGCAGAG
TTGTGAGAAGAACAAGATTCAAGTGGCCCTGGAGCTGAGGCGGTGGTCCAGCTGATTGTCTGGTCTGT
GGAGACCACCTTCTACTGCATCTAGACTGGCTGTGGCTGAAGTCTCTCAGGCACCCGACCCCTGTTCC
TCACCAGTCCCAGCCATTCTAGACTGCAGGATACACTTTCTCTGGAGGTGTGCTCACCCTTCT

GCAGAGTGAGGAACAACCCGTCCGAGAGGCAGCCACAGAGACCGTGACAACAGCCATGTCACAAGGAAAC
ACTTGCCAGTCAACAGAATTTGCCTTCTGCCAGGTGGATGCCTCCATTGCTCTCACCCCTGGCCTTCGCTG
TCCTGTGTGACTTGCTCCAGCAGTGGGACCAGCTGGGGCCAGGACTGCCATTCTCCTGGGATGGCTGCT
GGAAGAGGGTGGTGACCTCAAAGACCTCATGCAGAGCCACATCAGGGGGAAGAAGACACATATTTGAA
AAATCAGAAGTCAACTTCTGGGCCGAGACTCTGACCTTCGTGAAATACCTGTGTAATCAAGTCTTCCATC
TCCTCTGTGAGTCTGGCTGTGAGTCTCTCACTCCCAGCTCAGTCACTTGCAAAGGACAGCGTCAGAGCA
GCATCGCCTCATCTCTCAGCTCTTCAGAGAACTCCACTCTCGGCTGAATTTTTGAAGACAGTGAATAC
ACAAGACTGCGCATTCAAGAGGAAAGGACTTTGGCTGTCCTGCGGCTGTTGGCCTGTCTGGAAGGAAAGG
AAGTCCTCAGAGCTGAAGACTGCCTTAGAGAATGGAGACAAGAAATGGCCCAAGAACAGAAGCAGCTTG
TTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001191769
Insert Size:	5814 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_001191769.1</u> , <u>NP_001178698.1</u>
RefSeq Size:	6870 bp
RefSeq ORF:	5814 bp
Locus ID:	313865
Cytogenetics:	6q12