

Product datasheet for MR224727

Tbata (NM_001017433) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbata (NM_001017433) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tbata
Synonyms:	1700021K02Rik; AI428928; S; Spatial; Titest
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224727 representing NM_001017433 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTACAGAGGTGAACCAGCTGTCTGAGCATCCTCTAGTGAGTCCAAAGGCAGAGCCCCAGCCAGAGA
CGAAGCCGGAGAACCTTCCAAGGAGCCACGGGGATGTTGGGCTCCAGAAAGAGACTGTGGTCCCAGGCAT
TGTGGATTTTCGAGCTGATCCATGAGGAGCTGAAGACCACAAGCCCCAACATCACAAACACCCAGT
GCCTACCGCTTTGGACGCTAAGCCACCATTCTTCTTCTCGAGGCACCACCCCAACCACAGCGAGTGA
CTCATATCCAAGTTACAGGAAGAGAGGACCTGGAGCACTCCCTGCCCTCACCACCTTTCCAGCTCCT
TCAAGCTCCTGGGTCCAGCCATGGATCTCACTCCCTCTGCAGATATCGCTGGGAAGCCTGTCTGCGTG
GTCAGGGACGAGTTCTCTGTGCGGCTTGACTCAGCCCACATTCTATCCCGCTGTCTGATGGGGATGC
CCACCATCTGTCCCCATTGGGGATCCACAGTCCAATCGGAACCCCGAGCTTTCTACTTCTGACACCTG
GAGGAAGAAACTGAAGGACCTGGCTTCCCGAGTGACTGTCTTCAAGGAAATCCAGCCAAAGCCCGAT
GAGCAGAAGGAAGAGCCACCTCTGAGGGAACCTCCTCCGAGAGAGCAGGGGGCCAAATACTCAGCTGAGA
CCGGTAGGCTTATCCCTGCTTCCAGCCAAGCCCTACCCGTCGCAACCCGAGGGCCAGCGGGTCCACCC
TTCTAGCAAAGATGGAGGAGTCCAAGCCTCCATTCTGCAGGACCAGGAGCTGCTGATTTTGGAGCTCCTT
TGTCAAATTCTACAAACAGATTCTAAGGGCTATTTCAGTCTGGCTGCTTATGCTCCATCAAAGAAA
AAGATTTAGCTCTGGGGCTTCTGCAAACCTGCCGTGGCTCAGTTATCCCCAGCCCTTTCTCCATCCC
AGCAGAGAAGCTCTGGAACCATCTCAAGAGCTTCAAGAGCCTCAAGAGACACAAGAGGCAGCCTACAGT
CCATCCCTGAAGAAGACTAGGTCACCACCTCTACCCAAAACAGACAAACCAGAGTACATAGGCAAAGCCC
AAGTCCTCTGGTGCATCCAGCGAGGACCCAGAGGAGAAAACGACCAAGGCTGAAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001017433.2](#), [NP_001017433.1](#)

RefSeq Size: 1545 bp

RefSeq ORF: 1182 bp

Locus ID: 65971

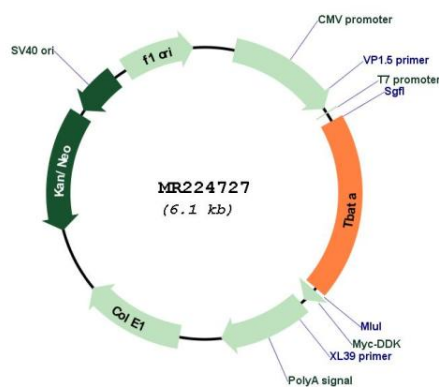
UniProt ID: [Q7TSD4](#)

Cytogenetics: 10 B4

MW: 43.8 kDa

Gene Summary: This gene encodes a putative transcription factor that is highly expressed in thymic cortical stromal cells, and may be involved in T-cell development. Its expression is developmentally regulated in the testis, where it is restricted to the haploid round spermatids during spermatogenesis, and thus this gene may also have a role in the control of male germ cell development. Alternative splicing of this gene results in two sets of transcript variants: the variants containing 5 additional exons at the 3' end encode long isoforms that are highly expressed in the testis, while the variants lacking the 3' end exons encode short isoforms that are highly expressed in the thymus. Most of the transcripts encoding the short isoforms have been shown to initiate translation from non-AUG (CUG) start sites. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MR224727