

Product datasheet for **MG223308**

Tbata (NM_001017419) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tbata (NM_001017419) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tbata
Synonyms:	1700021K02Rik; AI428928; S; Spatial; Titest
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223308 representing NM_001017419 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTACAGAGGTGAACCAGCTGTCTGAGCATCCTCTAGTGAGTCCAAAGGCAGAGCCCCAGCCAGAGA
CGAAGCCGGAGAACCTTCCAAGGAGCCACGGGGATGTTGGGCTCCAGAAAGAGACTGTGGTCCCAGGCAT
TGTGGATTTTCGAGCTGATCCATGAGGAGCTGAAGACCACAAAGCCCCAACATCACAAACACCCAGT
GCCTACCGCTTTGGACGCTAAGCCACCATTCTTCTTCTCGAGGCACCACCCCAACCACAGCGAGTGA
CTCATATCCAAGATATCGCTGGGAAGCCTGTCTGCGTGGTCAGGGACGAGTTCTCTGTGCGCCTTGAC
TCAGCCACATTCTATCCCGCTGTCTGATGGGATGCCACCATCTCTGTCCCCATTGGGGATCCACAG
TCCAATCGGAACCCCAAGCTTTCTACTTCTGACACCTGGAGGAAGAACTGAAGGACCTGGCTTCCCAG
TGACTGTCTTCACTAAGGAAATCCAGCCAAAGCCCGATGAGCAGAAGGAAGGCCACCTCTGAGGGAACC
TCCTCCGAGAGAGCAGGGGGCCAAATACTCAGCTGAGACCCGATAGGCTTATCCCTGCTTCCAGCCAGCC
CTCACCCGTCGCAACCGCCAGGGCCAGCGGGTCCACCCTTAGCAAAGATGGAGGAGTCCAAGCCTCCA
TTCTGCAGGACCAGGAGCTGCTGATTTGGAGCTCCTTTGTCAAATCTACAACAGATTCTTAAGGGC
TATTCAGTTCTGGCTGCTTATGCTCCATCAAAAGAAAAAGATTTAGCTCTGGGGCTTCTGCAAAGTCC
GTGGCTCAGCTTATCCCCAGCCCTTTCTCCATCCCAGCAGAGAAGCTCTGGAACCATCTCCAAGAGC
TTCAAGAGCCTCAAGAGACACAAGAGGCAGCCTACAGTCCATCCCTGAAGAAGACTAGGTCAACACCTCT
ACCCAAAACAGACAAACAGAGTACATAGGCAAAGCCCAAGTCTCTGCTGCATCCCAGCGAGGCCCA
GAGGAGAAAACGACCAAGGCTGAAAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_001017419.2](#), [NP_001017419.1](#)

RefSeq Size: 1443 bp

RefSeq ORF: 1080 bp

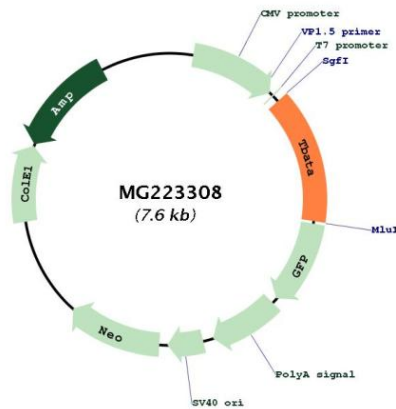
Locus ID: 65971

UniProt ID: [Q7TSD4](#)

Cytogenetics: 10 B4

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 MG223308