

Product datasheet for **MR223783L4V**

Tbata (NM_023064) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tbata (NM_023064) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tbata
Synonyms:	1700021K02Rik; AI428928; S; Spatial; Titest
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023064
ORF Size:	693 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223783).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_023064.3 , NP_075551.3
RefSeq Size:	1034 bp
RefSeq ORF:	696 bp
Locus ID:	65971
UniProt ID:	Q7TSD4
Cytogenetics:	10 B4



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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]