

Product datasheet for **MR203300L4V**

Trh (NM_009426) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Trh (NM_009426) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Trh
Synonyms:	Pro-TRH; Trf
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009426
ORF Size:	768 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203300).
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_009426.2 , NP_033452.2
RefSeq Size:	1400 bp
RefSeq ORF:	771 bp
Locus ID:	22044
UniProt ID:	Q62361
Cytogenetics:	6 41.03 cM



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Gene Summary:

This gene encodes a member of the thyrotropin-releasing hormone family. Cleavage of the encoded proprotein releases mature thyrotropin-releasing hormone, which is a tripeptide hypothalamic regulatory hormone. The mouse proprotein contains five thyrotropin-releasing hormone tripeptides. Thyrotropin-releasing hormone is involved in the regulation and release of thyroid-stimulating hormone, as well as prolactin. Disruption of this gene results in hypothyroidism, elevated thyroid-stimulating hormone levels, and hyperglycemia. [provided by RefSeq, Apr 2013]