

## Product datasheet for **RR202710L4V**

### **Tubb2b (NM\_001013886) Rat Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Tubb2b (NM_001013886) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Tubb2b
Synonyms:	RGD1309427; Tubb2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013886
ORF Size:	1335 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202710).
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. <a href="#">More info</a>
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:	<a href="#">NM_001013886.2</a> , <a href="#">NP_001013908.2</a>
RefSeq Size:	1700 bp
RefSeq ORF:	1338 bp
Locus ID:	291081
UniProt ID:	<a href="#">Q3KRE8</a>
Cytogenetics:	17p12



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**Gene Summary:**

Tubulin is the major constituent of microtubules (PubMed:19465910). It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. Plays a critical role in proper axon guidance in both central and peripheral axon tracts. Implicated in neuronal migration (By similarity).[UniProtKB/Swiss-Prot Function]