

Product datasheet for **MR208401L4V**

Tbce (NM_178337) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tbce (NM_178337) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tbce
Synonyms:	2610206D02Rik; C530005D02Rik; pmn
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178337
ORF Size:	1575 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208401).
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_178337.2
RefSeq Size:	1807 bp
RefSeq ORF:	1575 bp
Locus ID:	70430
UniProt ID:	Q8CIV8
Cytogenetics:	13 5.29 cM


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Gene Summary:

This gene encodes a tubulin binding cofactor that participates in microtubule dynamics. A mouse model of progressive motor neuropathy (pmn) was discovered to harbor a single amino acid deletion in this gene. Mice that are homozygous for pmn allele exhibit progressive atrophy and premature death due to respiratory failure. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015]