

Product datasheet for **MR207246L3V**

Tat (NM_146214) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tat (NM_146214) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tat
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_146214
ORF Size:	1365 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207246).
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_146214.2
RefSeq Size:	2377 bp
RefSeq ORF:	1365 bp
Locus ID:	234724
UniProt ID:	Q8QZR1
Cytogenetics:	8 57.38 cM



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Gene Summary:

This gene encodes a liver-specific mitochondrial enzyme that catalyzes the conversion of L-tyrosine into p-hydroxyphenylpyruvate. Regulated by glucocorticoid and polypeptide hormones, this gene's expression is affected by deletion of a regulatory region near the albino locus on chromosome 7. Mutations in this gene cause tyrosinemia type II in humans. [provided by RefSeq, Mar 2010]