

## Product datasheet for **RC203395L4V**

### TARS2 (NM\_025150) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TARS2 (NM_025150) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TARS2
Synonyms:	COXPD21; TARSL1; thrRS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025150
ORF Size:	2154 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203395).
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_025150.3</a>
RefSeq Size:	2807 bp
RefSeq ORF:	2157 bp
Locus ID:	80222
UniProt ID:	<a href="#">Q9BW92</a>
Cytogenetics:	1q21.2
Domains:	tRNA-synt_2b, TGS, HGTP_anticonodon
Protein Pathways:	Aminoacyl-tRNA biosynthesis



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**MW:** 81 kDa

**Gene Summary:** This gene encodes a member of the class-II aminoacyl-tRNA synthetase family. The encoded protein is a mitochondrial aminoacyl-tRNA synthetase. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 4. [provided by RefSeq, Dec 2012]