

Product datasheet for **RC203665L4V**

Seryl tRNA synthetase (SARS) (NM_006513) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Seryl tRNA synthetase
Synonyms:	NEDMAS; SARS; SERRS; SERS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006513
ORF Size:	1542 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC203665).

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_006513.2
RefSeq Size:	1956 bp
RefSeq ORF:	1545 bp
Locus ID:	6301
UniProt ID:	P49591
Cytogenetics:	1p13.3



Domains:	tRNA-synt_2b, Seryl_tRNA_N
Protein Pathways:	Aminoacyl-tRNA biosynthesis
MW:	58.7 kDa
Gene Summary:	This gene belongs to the class II amino-acyl tRNA family. The encoded enzyme catalyzes the transfer of L-serine to tRNA (Ser) and is related to bacterial and yeast counterparts. Multiple alternatively spliced transcript variants have been described but the biological validity of all variants is unknown. [provided by RefSeq, Jul 2010]