

Product datasheet for **MR211809L4V**

Tonsl (NM_183091) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tonsl (NM_183091) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tonsl
Synonyms:	2810439M11Rik; Nfkbil2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_183091
ORF Size:	3642 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211809).
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_183091.2 , NP_898914.2
RefSeq Size:	4239 bp
RefSeq ORF:	4092 bp
Locus ID:	72749
UniProt ID:	Q6NZL6
Cytogenetics:	15 D3



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Gene Summary:

Component of the MMS22L-TONSL complex, a complex that stimulates the recombination-dependent repair of stalled or collapsed replication forks. The MMS22L-TONSL complex is required to maintain genome integrity during DNA replication by promoting homologous recombination-mediated repair of replication fork-associated double-strand breaks. It may act by mediating the assembly of RAD51 filaments on ssDNA. Within the complex, may act as a scaffold (By similarity).[UniProtKB/Swiss-Prot Function]