

Product datasheet for **MR211764L3V**

Tyk2 (NM_018793) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tyk2 (NM_018793) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Tyk2
Synonyms:	JTK1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018793
ORF Size:	3552 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211764).
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_018793.2 , NP_061263.2
RefSeq Size:	4822 bp
RefSeq ORF:	3555 bp
Locus ID:	54721
UniProt ID:	Q9R117
Cytogenetics:	9 A3



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Gene Summary:

Involved in intracellular signal transduction by amplifying type I and type II IFN signaling. Phosphorylates the interferon-alpha/beta receptor alpha chain. Plays an essential role in promoting selective immune responses, including innate host defense mechanisms and specific antiviral activities.[UniProtKB/Swiss-Prot Function]