

Product datasheet for **MR227035L3V**

Stat4 (NM_011487) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stat4 (NM_011487) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stat4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_011487
ORF Size:	2247 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227035).
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_011487.4 , NP_035617.1
RefSeq Size:	2981 bp
RefSeq ORF:	2247 bp
Locus ID:	20849
UniProt ID:	P42228
Cytogenetics:	1 26.67 cM



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Gene Summary:

The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. Homozygous knockout mice for this gene exhibit reduced inflammation and cytokine production in response to immune challenge. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]