

Product datasheet for **MR227460L4V**

Gata3 (NM_008091) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gata3 (NM_008091) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gata3
Synonyms:	Gata-3; jal
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008091
ORF Size:	1329 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227460).
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_008091.3 , NP_032117.1
RefSeq Size:	3257 bp
RefSeq ORF:	1332 bp
Locus ID:	14462
UniProt ID:	P23772
Cytogenetics:	2 6.69 cM



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Gene Summary:

Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses.[UniProtKB/Swiss-Prot Function]

Product images:

[MR227460L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR227460L4V particle to overexpress human Gata3-mGFP fusion protein.