

## Product datasheet for **MR204581L4V**

### **Nfya (NM\_010913) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Nfya (NM_010913) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nfya
Synonyms:	AA407810; Cbf-b; SEZ-10; SEZ10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010913
ORF Size:	957 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204581).
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. <a href="#">More info</a>
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:	<a href="#">NM_010913.1</a> , <a href="#">NP_035043.1</a>
RefSeq Size:	3641 bp
RefSeq ORF:	957 bp
Locus ID:	18044
UniProt ID:	<a href="#">P23708</a>
Cytogenetics:	17 23.99 cM



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**Gene Summary:**

Component of the sequence-specific heterotrimeric transcription factor (NF-Y) which specifically recognizes a 5'-CCAAT-3' box motif found in the promoters of its target genes. NF-Y can function as both an activator and a repressor, depending on its interacting cofactors. NF-YA positively regulates the transcription of the core clock component ARNTL/BMAL1. [UniProtKB/Swiss-Prot Function]