

## Product datasheet for **RC212523L4V**

### **NFAT4 (NFATC3) (NM\_004555) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NFAT4 (NFATC3) (NM_004555) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NFAT4
Synonyms:	NF-AT4c; NFAT4; NFATX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004555
ORF Size:	3204 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212523).
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_004555.2</a>
RefSeq Size:	4005 bp
RefSeq ORF:	3207 bp
Locus ID:	4775
UniProt ID:	<a href="#">Q12968</a>
Cytogenetics:	16q22.1
Domains:	RHD, IPT
Protein Families:	Druggable Genome, Transcription Factors



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**Protein Pathways:** Axon guidance, B cell receptor signaling pathway, Natural killer cell mediated cytotoxicity, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

**MW:** 115.1 kDa

**Gene Summary:** The product of this gene is a member of the nuclear factors of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nuclear component. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Several transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Nov 2010]