

Product datasheet for **RC207872L2V**

RFX1 (NM_002918) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RFX1 (NM_002918) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RFX1
Synonyms:	EFC; RFX
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002918
ORF Size:	2937 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207872).
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_002918.3 , NP_002909.3
RefSeq Size:	4392 bp
RefSeq ORF:	2940 bp
Locus ID:	5989
UniProt ID:	P22670
Cytogenetics:	19p13.12
Protein Families:	Druggable Genome
MW:	104.7 kDa



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Gene Summary:

This gene encodes a member of the regulatory factor X (RFX) family of transcription factors, which are characterized by a winged-helix DNA-binding domain. The encoded transcription factor contains an N-terminal activation domain and a C-terminal repression domain, and may activate or repress target gene expression depending on cellular context. This transcription factor has been shown to regulate a wide variety of genes involved in immunity and cancer, including the MHC class II genes and genes that may be involved in cancer progression. This gene exhibits altered expression in glioblastoma and the autoimmune disease systemic lupus erythematosus (SLE). [provided by RefSeq, Jul 2016]