

## Product datasheet for **RC209758L3V**

### RFX2 (NM\_000635) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | RFX2 (NM_000635) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | RFX2   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_000635  |
| ORF Size:                 | 2169 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC209758).   |
| 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_000635.2</a>  |
| RefSeq Size:              | 4114 bp  |
| RefSeq ORF:               | 2172 bp  |
| Locus ID:                 | 5990   |
| UniProt ID:               | <a href="#">P48378</a>   |
| Cytogenetics:             | 19p13.3  |
| Protein Families:         | Druggable Genome, Transcription Factors  |
| MW:                       | 80 kDa   |



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**Gene Summary:**

This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X1, X3, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with other RFX family members. This protein can bind to cis elements in the promoter of the IL-5 receptor alpha gene. Two transcript variants encoding different isoforms have been described for this gene, and both variants utilize alternative polyadenylation sites. [provided by RefSeq, Jul 2008]