

## Product datasheet for **RC224019L3V**

### TIAL1 (NM\_001033925) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | TIAL1 (NM_001033925) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | TIAL1  |
| Synonyms:                 | TCBP; TIAR   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001033925   |
| ORF Size:                 | 1176 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC224019).   |
| 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_001033925.1</a> , <a href="#">NP_001029097.1</a>  |
| RefSeq Size:              | 3945 bp  |
| RefSeq ORF:               | 1179 bp  |
| Locus ID:                 | 7073   |
| UniProt ID:               | <a href="#">Q01085</a>   |
| Cytogenetics:             | 10q26.11   |
| Protein Families:         | Druggable Genome, Transcription Factors  |
| MW:                       | 43.3 kDa   |



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**Gene Summary:**

The protein encoded by this gene is a member of a family of RNA-binding proteins, has three RNA recognition motifs (RRMs), and binds adenine and uridine-rich elements in mRNA and pre-mRNAs of a wide range of genes. It regulates various activities including translational control, splicing and apoptosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The different isoforms have been shown to function differently with respect to post-transcriptional silencing. [provided by RefSeq, Jul 2008]