

## Product datasheet for **RC202418L4V**

### TRAF1 (NM\_005658) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | TRAF1 (NM_005658) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | TRAF1  |
| Synonyms:                 | EBI6; MGC:10353  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_005658  |
| ORF Size:                 | 1248 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC202418).   |
| 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_005658.3</a>  |
| RefSeq Size:              | 4450 bp  |
| RefSeq ORF:               | 1251 bp  |
| Locus ID:                 | 7185   |
| UniProt ID:               | <a href="#">Q13077</a>   |
| Cytogenetics:             | 9q33.2   |
| Domains:                  | MATH   |
| Protein Families:         | Druggable Genome   |



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**Protein Pathways:** Pathways in cancer, Small cell lung cancer

**MW:** 46.2 kDa

**Gene Summary:** The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from various receptors of the TNFR superfamily. This protein and TRAF2 form a heterodimeric complex, which is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF2 also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. The expression of this protein can be induced by Epstein-Barr virus (EBV). EBV infection membrane protein 1 (LMP1) is found to interact with this and other TRAF proteins; this interaction is thought to link LMP1-mediated B lymphocyte transformation to the signal transduction from TNFR family receptors. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]