

## Product datasheet for **RC205864L4V**

### DR6 (TNFRSF21) (NM\_014452) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | DR6 (TNFRSF21) (NM_014452) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | DR6  |
| Synonyms:                 | BM-018; CD358; DR6   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_014452  |
| ORF Size:                 | 1965 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC205864).   |
| 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_014452.3</a>  |
| RefSeq Size:              | 3646 bp  |
| RefSeq ORF:               | 1968 bp  |
| Locus ID:                 | 27242  |
| UniProt ID:               | <a href="#">O75509</a>   |
| Cytogenetics:             | 6p12.3   |
| Domains:                  | DEATH, TNFR  |
| Protein Families:         | Druggable Genome, Transmembrane  |



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**Protein Pathways:** Cytokine-cytokine receptor interaction

**MW:** 71.8 kDa

**Gene Summary:** This gene encodes a member of the tumor necrosis factor receptor superfamily. The encoded protein activates nuclear factor kappa-B and mitogen-activated protein kinase 8 (also called c-Jun N-terminal kinase 1), and induces cell apoptosis. Through its death domain, the encoded receptor interacts with tumor necrosis factor receptor type 1-associated death domain (TRADD) protein, which is known to mediate signal transduction of tumor necrosis factor receptors. Knockout studies in mice suggest that this gene plays a role in T-helper cell activation, and may be involved in inflammation and immune regulation. [provided by RefSeq, Jul 2013]