

## Product datasheet for **RC217848L4V**

### ZNF189 (NM\_003452) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | ZNF189 (NM_003452) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | ZNF189   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_003452  |
| ORF Size:                 | 1878 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC217848).   |
| 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_003452.2</a>  |
| RefSeq Size:              | 3186 bp  |
| RefSeq ORF:               | 1881 bp  |
| Locus ID:                 | 7743   |
| UniProt ID:               | <a href="#">O75820</a>   |
| Cytogenetics:             | 9q31.1   |
| Domains:                  | KRAB, zf-C2H2  |
| Protein Families:         | Transcription Factors  |
| MW:                       | 72.8 kDa   |



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**Gene Summary:**

Kruppel-like zinc finger proteins such as ZNF189 contain a conserved stretch of 7 amino acids that connects a variable number of DNA-binding zinc finger repeats of the cys(2)his(2) (C2H2) type (summarized by Odeberg et al., 1998 [PubMed 9653648]). Approximately 30% of human Kruppel-like zinc finger proteins contain an N-terminal Kruppel-associated box (KRAB) domain. The KRAB domain consists of approximately 75 amino acids that may be subdivided into an A box, which is present in every KRAB domain and is essential for transcriptional repression, and a B box, which is not always present.[supplied by OMIM, May 2010]