

## Product datasheet for **RC227001L4V**

### ZBED5 (NM\_001143667) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | ZBED5 (NM_001143667) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                                    |
| Symbol:                   | ZBED5                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Synonyms:                 | Buster1                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tag:                      | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ACCN:                     | NM_001143667                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ORF Size:                 | 1485 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC227001).                                                                                                                                                                                                                                                                                                                                                                                     |
| 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_001143667.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq Size:              | 2724 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RefSeq ORF:               | 2082 bp                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Locus ID:                 | 58486                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt ID:               | <a href="#">Q49AG3</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:             | 11p15.4                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MW:                       | 56.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                           |



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**Gene Summary:**

This gene is unusual in that its coding sequence is mostly derived from Charlie-like DNA transposon; however, it does not appear to be an active DNA transposon as it is not flanked by terminal inverted repeats. The encoded protein is conserved among the mammalian Laurasiatheria branch. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2009]