

## Product datasheet for **RC201073L4V**

### CBR3 (NM\_001236) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | CBR3 (NM_001236) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | CBR3   |
| Synonyms:                 | hCBR3; HEL-S-25; SDR21C2   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001236  |
| ORF Size:                 | 831 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC201073).   |
| 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_001236.3</a>  |
| RefSeq Size:              | 1128 bp  |
| RefSeq ORF:               | 834 bp   |
| Locus ID:                 | 874  |
| UniProt ID:               | <a href="#">O75828</a>   |
| Cytogenetics:             | 21q22.12   |
| Protein Families:         | Druggable Genome   |
| Protein Pathways:         | Arachidonic acid metabolism, Metabolic pathways  |



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**MW:** 30.9 kDa

**Gene Summary:** Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1. [provided by RefSeq, Jul 2008]