

## Product datasheet for **RC207977L3V**

### **UBC3B (UBE2R2) (NM\_017811) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | UBC3B (UBE2R2) (NM_017811) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | UBC3B  |
| Synonyms:                 | CDC34B; E2-CDC34B; UBC3B   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_017811  |
| ORF Size:                 | 714 bp   |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC207977).   |
| 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_017811.3</a>  |
| RefSeq Size:              | 4457 bp  |
| RefSeq ORF:               | 717 bp   |
| Locus ID:                 | 54926  |
| UniProt ID:               | <a href="#">Q712K3</a>   |
| Cytogenetics:             | 9p13.3   |
| Domains:                  | UBCc   |
| Protein Pathways:         | Ubiquitin mediated proteolysis   |



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**MW:** 27 kDa

**Gene Summary:** Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation. [provided by RefSeq, Jul 2008]