

Product datasheet for **RC207977L4V**

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-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
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. More info
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:	NM_017811.3
RefSeq Size:	4457 bp
RefSeq ORF:	717 bp
Locus ID:	54926
UniProt ID:	Q712K3
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]