

Product datasheet for **RC226378L4V**

UBE4B (NM_001105562) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UBE4B (NM_001105562) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBE4B
Synonyms:	E4; HDNB1; UBOX3; UFD2; UFD2A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001105562
ORF Size:	3906 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226378).
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_001105562.1
RefSeq ORF:	3909 bp
Locus ID:	10277
UniProt ID:	O95155
Cytogenetics:	1p36.22
Protein Pathways:	Ubiquitin mediated proteolysis
MW:	146 kDa



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Gene Summary:

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes an additional conjugation factor, E4, which is involved in multiubiquitin chain assembly. This gene is also the strongest candidate in the neuroblastoma tumor suppressor genes. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]