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Product datasheet for RC204985L3V

UBE2W (NM_018299) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UBE2W (NM_018299) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBE2W
Synonyms:	UBC-16; UBC16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018299
ORF Size:	453 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204985).`
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_018299.2
RefSeq Size:	8426 bp
RefSeq ORF:	456 bp
Locus ID:	55284
UniProt ID:	Q96B02
Cytogenetics:	8q21.11
Domains:	UBCc
Protein Families:	Transcription Factors

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Protein Pathways: Ubiquitin mediated proteolysis

MW: 17.3 kDa

Gene Summary: This gene encodes a nuclear-localized ubiquitin-conjugating enzyme (E2) that, along with ubiquitin-activating (E1) and ligating (E3) enzymes, coordinates the addition of a ubiquitin moiety to existing proteins. The encoded protein promotes the ubiquitination of Fanconi anemia complementation group proteins and may be important in the repair of DNA damage. There is a pseudogene for this gene on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]