

Product datasheet for RC204985L3

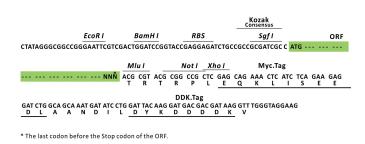
UBE2W (NM_018299) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Expression Plasmids
UBE2W (NM_018299) Human Tagged Lenti ORF Clone
Myc-DDK
UBE2W
UBC-16; UBC16
Puromycin
pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(RC204985).
Sgfl-Mlul
Cloning sites used for ORF Shuttling: Sgf I ORF MIU I GCG ATC GC C ATG// NNN ACG CGT



ACCN: ORF Size: NM_018299 453 bp



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	/ (NM_018299) Human Tagged Lenti ORF Clone – RC204985L3
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 018299.2</u>
RefSeq Size:	8426 bp
RefSeq ORF:	456 bp
Locus ID:	55284
UniProt ID:	<u>Q96B02</u>
Cytogenetics:	8q21.11
Domains:	UBCc
Protein Families:	Transcription Factors
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]

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