

## Product datasheet for **RC223133L4V**

### UBE2V1 (TMEM189-UBE2V1) (NM\_199203) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	UBE2V1 (TMEM189-UBE2V1) (NM_199203) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBE2V1
Synonyms:	CROC-1B; CROC1B; KUA-UEV; TMEM189-UBE2V1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_199203
ORF Size:	1110 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223133).
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_199203.1</a> , <a href="#">NP_954673.1</a>
RefSeq Size:	2852 bp
RefSeq ORF:	1113 bp
Locus ID:	387522
UniProt ID:	<a href="#">Q13404</a>
Cytogenetics:	20q13.13
Protein Families:	Transmembrane
MW:	42 kDa



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**Gene Summary:**

The TMEM189-UEV mRNA is an infrequent but naturally occurring read-through transcript of the neighboring TMEM189 and UBE2V1 genes. Ubiquitin-conjugating E2 enzyme variant proteins constitute a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. The protein produced by this transcript has UEV1 B domains but the protein is localized to the cytoplasm rather than to the nucleus. The significance of this read-through mRNA and the function of its protein product has not yet been determined. [provided by RefSeq, Oct 2010]