

Product datasheet for **RC213678L4V**

UBE2Q1 (NM_017582) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UBE2Q1 (NM_017582) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBE2Q1
Synonyms:	GTAP; NICE-5; NICE5; PRO3094; UBE2Q
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017582
ORF Size:	1266 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213678).
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_017582.6
RefSeq Size:	3223 bp
RefSeq ORF:	1269 bp
Locus ID:	55585
UniProt ID:	Q7Z7E8
Cytogenetics:	1q21.3
Domains:	UBCc
Protein Pathways:	Ubiquitin mediated proteolysis



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MW: 45.9 kDa

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 (E1s), ubiquitin-conjugating enzymes (E2s), and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is 98% identical to the mouse counterpart. [provided by RefSeq, Jul 2008]