

Product datasheet for **RC215110L4V**

UBE3C (NM_014671) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UBE3C (NM_014671) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBE3C
Synonyms:	HECTH2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014671
ORF Size:	3249 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215110).
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_014671.1
RefSeq Size:	5160 bp
RefSeq ORF:	3252 bp
Locus ID:	9690
UniProt ID:	Q15386
Cytogenetics:	7q36.3
Domains:	IQ, HECT
Protein Families:	Druggable Genome


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Protein Pathways: Ubiquitin mediated proteolysis

MW: 123.7 kDa

Gene Summary: E3 ubiquitin-protein ligase that accepts ubiquitin from the E2 ubiquitin-conjugating enzyme UBE2D1 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Can assemble unanchored poly-ubiquitin chains in either 'Lys-29'- or 'Lys-48'-linked polyubiquitin chains. Has preference for 'Lys-48' linkages. It can target itself for ubiquitination in vitro and may promote its own degradation in vivo.[UniProtKB/Swiss-Prot Function]