

Product datasheet for **RC210648L4V**

OTUB1 (NM_017670) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OTUB1 (NM_017670) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OTUB1
Synonyms:	HSPC263; OTB1; OTU1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017670
ORF Size:	813 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210648).
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_017670.1
RefSeq Size:	2310 bp
RefSeq ORF:	816 bp
Locus ID:	55611
UniProt ID:	Q96FW1
Cytogenetics:	11q13.1
Protein Families:	Protease
MW:	31.3 kDa



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Gene Summary:

The product of this gene is a member of the OTU (ovarian tumor) superfamily of predicted cysteine proteases. The encoded protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrates. It interacts with another ubiquitin protease and an E3 ubiquitin ligase that inhibits cytokine gene transcription in the immune system. It is proposed to function in specific ubiquitin-dependent pathways, possibly by providing an editing function for polyubiquitin chain growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]