

## Product datasheet for **RC212788L4V**

### YOD1 (NM\_018566) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	YOD1 (NM_018566) Human Tagged ORF Clone Lentiviral Particle
Symbol:	YOD1
Synonyms:	DUBA8; OTUD2; PRO0907
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018566
ORF Size:	1044 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212788).
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_018566.3</a> , <a href="#">NP_061036.3</a>
RefSeq Size:	6265 bp
RefSeq ORF:	1047 bp
Locus ID:	55432
UniProt ID:	<a href="#">Q5VVQ6</a>
Cytogenetics:	1q32.1
Protein Pathways:	Biosynthesis of unsaturated fatty acids, Limonene and pinene degradation
MW:	38.1 kDa



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**Gene Summary:**

Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. The protein encoded by this gene belongs to a DUB subfamily characterized by an ovarian tumor (OTU) domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]