

Product datasheet for **RC204431L4V**

Ubiquitin D (UBD) (NM_006398) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ubiquitin D (UBD) (NM_006398) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Ubiquitin D
Synonyms:	FAT10; GABBR1; UBD-3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006398
ORF Size:	495 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204431).
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_006398.2
RefSeq Size:	1006 bp
RefSeq ORF:	498 bp
Locus ID:	10537
UniProt ID:	O15205
Cytogenetics:	6p22.1
Domains:	UBQ
Protein Families:	Druggable Genome



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MW: 18.5 kDa

Gene Summary: This gene encodes a protein which contains two ubiquitin-like domains and appears to have similar function to ubiquitin. Through covalent attachment, the encoded protein targets other proteins for 26S proteasome degradation. This protein has been implicated to function in many cellular processes, including caspase-dependent apoptosis, formation of aggresomes, mitotic regulation, and dendritic cell maturation. Upregulation of this gene may promote inflammation in chronic kidney disease and has been observed in many cancer types. [provided by RefSeq, Aug 2017]