

Product datasheet for **RC201446L4V**

UBA1 (NM_003334) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UBA1 (NM_003334) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBA1
Synonyms:	A1S9; A1S9T; A1ST; AMCX1; CFAP124; GXP1; POC20; SMAX2; UBA1A; UBE1; UBE1X; VEXAS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003334
ORF Size:	3174 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201446).
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_003334.2
RefSeq Size:	3616 bp
RefSeq ORF:	3177 bp
Locus ID:	7317
UniProt ID:	P22314
Cytogenetics:	Xp11.3
Domains:	UBACT, ThiF
Protein Pathways:	Parkinson's disease, Ubiquitin mediated proteolysis



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MW: 117.8 kDa

Gene Summary: The protein encoded by this gene catalyzes the first step in ubiquitin conjugation to mark cellular proteins for degradation. This gene complements an X-linked mouse temperature-sensitive defect in DNA synthesis, and thus may function in DNA repair. It is part of a gene cluster on chromosome Xp11.23. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq, Jul 2008]