

Product datasheet for **RC205461L4V**

ATE1 (NM_007041) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ATE1 (NM_007041) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATE1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007041
ORF Size:	1554 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205461).
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_007041.2
RefSeq Size:	4930 bp
RefSeq ORF:	1557 bp
Locus ID:	11101
UniProt ID:	O95260
Cytogenetics:	10q26.13
Domains:	ATE_N, ATE_C
MW:	59 kDa



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Gene Summary:

This gene encodes an arginyltransferase, an enzyme that is involved in posttranslational conjugation of arginine to N-terminal aspartate or glutamate residues. Conjugation of arginine to the N-terminal aspartate or glutamate targets proteins for ubiquitin-dependent degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]