

Product datasheet for **RC218760L4V**

ATP dependent metalloprotease YME1L1 (YME1L1) (NM_139312) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ATP dependent metalloprotease YME1L1 (YME1L1) (NM_139312) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATP dependent metalloprotease YME1L1
Synonyms:	FTSH; MEG4; OPA11; PAMP; YME1L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139312
ORF Size:	2319 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218760).
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_139312.2
RefSeq Size:	4036 bp
RefSeq ORF:	2322 bp
Locus ID:	10730
UniProt ID:	Q96TA2
Cytogenetics:	10p12.1
Domains:	Peptidase_M41, AAA



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Protein Families: Druggable Genome, Protease

MW: 86.3 kDa

Gene Summary: The protein encoded by this gene is the human ortholog of yeast mitochondrial AAA metalloprotease, Yme1p. It is localized in the mitochondria and can functionally complement a yme1 disruptant yeast strain. It is proposed that this gene plays a role in mitochondrial protein metabolism and could be involved in mitochondrial pathologies. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]