

Product datasheet for **MR20530L4V**

Atad1 (NM_026487) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atad1 (NM_026487) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atad1
Synonyms:	4921525H23Rik; AW107648; Thorase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026487
ORF Size:	1086 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR20530).
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_026487.3 , NP_080763.2
RefSeq Size:	2813 bp
RefSeq ORF:	1086 bp
Locus ID:	67979
UniProt ID:	Q9D5T0
Cytogenetics:	19 C1



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Gene Summary:

ATPase that plays a critical role in regulating the surface expression of AMPA receptors (AMPA), thereby regulating synaptic plasticity and learning and memory. Required for NMDA-stimulated AMPAR internalization and inhibition of GRIA1 and GRIA2 recycling back to the plasma membrane; these activities are ATPase-dependent.[UniProtKB/Swiss-Prot Function]