

Product datasheet for **MR218024L4V**

Ak7 (NM_030187) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ak7 (NM_030187) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ak7
Synonyms:	4930502N02Rik; AK 7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030187
ORF Size:	2169 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218024).
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_030187.1 , NP_084463.1
RefSeq Size:	3093 bp
RefSeq ORF:	2172 bp
Locus ID:	78801
UniProt ID:	Q9D2H2
Cytogenetics:	12 E



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Gene Summary:

Nucleoside monophosphate (NMP) kinase that catalyzes the reversible transfer of the terminal phosphate group between nucleoside triphosphates and monophosphates. Has highest activity toward AMP, and weaker activity toward dAMP, CMP and dCMP. Also displays broad nucleoside diphosphate kinase activity. Involved in maintaining ciliary structure and function.[UniProtKB/Swiss-Prot Function]