

Product datasheet for **RC209189L3V**

ALPK1 (NM_025144) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ALPK1 (NM_025144) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ALPK1
Synonyms:	8430410J10Rik; LAK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_025144
ORF Size:	3732 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209189).
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_025144.4
RefSeq Size:	5399 bp
RefSeq ORF:	3735 bp
Locus ID:	80216
UniProt ID:	Q96QP1
Cytogenetics:	4q25
Domains:	MHCK_EF2_kinase
Protein Families:	Druggable Genome, Protein Kinase

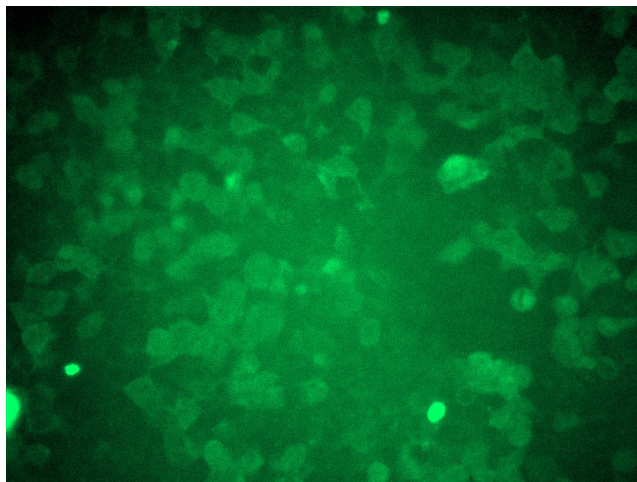


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MW: 138.9 kDa

Gene Summary: This gene encodes an alpha kinase. Mice which were homozygous for disrupted copies of this gene exhibited coordination defects (PMID: 21208416). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Product images:



[RC209189L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC209189L3V particle to overexpress human ALPK1-Myc-DDK fusion protein.