

Product datasheet for **RC210288L4V**

Aurora B (AURKB) (NM_004217) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aurora B (AURKB) (NM_004217) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Aurora B
Synonyms:	AIK2; AIM-1; AIM1; ARK-2; ARK2; AurB; aurkb-sv1; aurkb-sv2; IPL1; PPP1R48; STK-1; STK5; STK12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004217
ORF Size:	1032 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210288).
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_004217.2 , NP_004208.1
RefSeq Size:	1253 bp
RefSeq ORF:	1035 bp
Locus ID:	9212
UniProt ID:	Q96GD4
Cytogenetics:	17p13.1
Protein Families:	Druggable Genome, Protein Kinase, Stem cell - Pluripotency

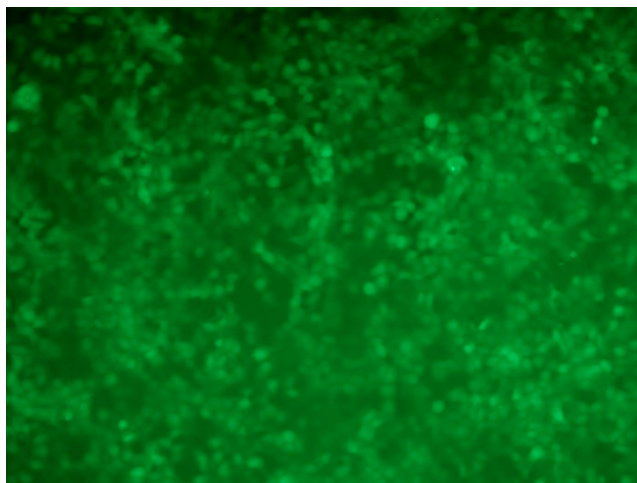


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MW: 39.1 kDa

Gene Summary: This gene encodes a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of alignment and segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of this gene is located on chromosome 8. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2015]

Product images:



[RC210288L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC210288L4V particle to overexpress human AURKB-mGFP fusion protein.