

Product datasheet for **RC208204L4V**

KPNA5 (NM_002269) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KPNA5 (NM_002269) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KPNA5
Synonyms:	IPOA6; SRP6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002269
ORF Size:	1617 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208204).
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_002269.2
RefSeq Size:	2172 bp
RefSeq ORF:	1620 bp
Locus ID:	3841
UniProt ID:	O15131
Cytogenetics:	6q22.1
Domains:	Armadillo_seg, IBB
MW:	60.7 kDa



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Gene Summary:

The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC) which consists of 60-100 proteins and is probably 120 million daltons in molecular size. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion; larger molecules are transported by an active process. Most nuclear proteins contain short basic amino acid sequences known as nuclear localization signals (NLSs). KPNA5 protein belongs to the importin alpha protein family and is thought to be involved in NLS-dependent protein import into the nucleus. [provided by RefSeq, Jul 2008]