

Product datasheet for **RC201852L4V**

katanin p80 (KATNB1) (NM_005886) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	katanin p80 (KATNB1) (NM_005886) Human Tagged ORF Clone Lentiviral Particle
Symbol:	katanin p80
Synonyms:	KAT; LIS6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005886
ORF Size:	1965 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201852).
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_005886.2
RefSeq Size:	2661 bp
RefSeq ORF:	1968 bp
Locus ID:	10300
UniProt ID:	Q9BVA0
Cytogenetics:	16q21
Domains:	WD40
MW:	72.3 kDa



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Gene Summary:

Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases. [provided by RefSeq, Jul 2008]