

Product datasheet for **RR202767L4V**

Klhdc8b (NM_001007685) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Klhdc8b (NM_001007685) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Klhdc8b
Synonyms:	MGC94736
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001007685
ORF Size:	1062 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202767).
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_001007685.1 , NP_001007686.1
RefSeq Size:	1850 bp
RefSeq ORF:	1065 bp
Locus ID:	306589
UniProt ID:	Q5XIA9
Cytogenetics:	8q32



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Gene Summary:

Involved in pinching off the separated nuclei at the cleavage furrow and in cytokinesis. Required for mitotic integrity and maintenance of chromosomal stability. Protects cells against mitotic errors, centrosomal amplification, micronucleus formation and aneuploidy. Plays a key role of midbody function involving abscission of the daughter cells during cytokinesis and appropriate chromosomal and nuclear segregation into the daughter cells. [UniProtKB/Swiss-Prot Function]