Product datasheet for MR202652L4V

Spc25 (BC027121) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Spc25 (BC027121) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Spc25
Synonyms:	2600017H08Rik; 2610205L13Rik; Spbc25
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC027121
ORF Size:	678 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202652).
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:	BC027121, AAH27121
RefSeq Size:	1344 bp
RefSeq ORF:	680 bp
Locus ID:	66442
Cytogenetics:	2 C2

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Gene Summary: This gene encodes a component of the kinetochore-associated NDC80 protein complex, which is required for the mitotic spindle checkpoint and for microtubule-kinetochore attachment. During meiosis in mouse, the protein localizes to the germinal vesicle and then is associated with the chromosomes following germinal vesicle breakdown. Knockdown of this gene in oocytes results in precocious polar body extrusion, chromosome misalignment and aberrant spindle formation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]