Product datasheet for RC200132L2V

REC8 (NM_005132) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	REC8 (NM_005132) Human Tagged ORF Clone Lentiviral Particle
Symbol:	REC8
Synonyms:	HR21spB; REC8L1; Rec8p
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005132
ORF Size:	1641 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200132).
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_005132.2
RefSeq Size:	2253 bp
RefSeq ORF:	1644 bp
Locus ID:	9985
UniProt ID:	O95072
Cytogenetics:	14q12
Domains:	Rad21_Rec8, Rad21_Rec8_N
Protein Pathways:	Oocyte meiosis

View online »

MW: 62.6 kDa

Gene Summary: This gene encodes a member of the kleisin family of SMC (structural maintenance of chromosome) protein partners. The protein localizes to the axial elements of chromosomes during meiosis in both oocytes and spermatocytes. In the mouse, the homologous protein is a key component of the meiotic cohesion complex, which regulates sister chromatid cohesion and recombination between homologous chromosomes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008]