

Product datasheet for **MR206973L3V**

Sept7 (NM_009859) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sept7 (NM_009859) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sept7
Synonyms:	Cdc10; E430034N22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009859
ORF Size:	1311 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206973).
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_009859.3
RefSeq Size:	2533 bp
RefSeq ORF:	1314 bp
Locus ID:	235072
Cytogenetics:	9 A4



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Gene Summary:

Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Required for normal progress through mitosis. Involved in cytokinesis. Required for normal association of CENPE with the kinetochore. Plays a role in ciliogenesis and collective cell movements. Forms a filamentous structure with SEPTIN12, SEPTIN6, SEPTIN2 and probably SEPTIN4 at the sperm annulus which is required for the structural integrity and motility of the sperm tail during postmeiotic differentiation (By similarity).[UniProtKB/Swiss-Prot Function]