Product datasheet for MR209752L3V

Misp (NM_030218) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Misp (NM_030218) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Misp
Synonyms:	9130017N09Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_030218
ORF Size:	1944 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209752).
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_030218.2, NP_084494.1
RefSeq Size:	2427 bp
RefSeq ORF:	1947 bp
Locus ID:	78906
UniProt ID:	Q9D279
Cytogenetics:	10 C1

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Gene Summary: Plays a role in mitotic spindle orientation and mitotic progression. Regulates the distribution of dynactin at the cell cortex in a PLK1-dependent manner, thus stabilizing cortical and astral microtubule attachments required for proper mitotic spindle positioning. May link microtubules to the actin cytoskeleton and focal adhesions. May be required for directed cell migration and centrosome orientation. May also be necessary for proper stacking of the Golgi apparatus (By similarity).[UniProtKB/Swiss-Prot Function]