Product datasheet for MR207259L4V

Dnm2 (BC010233) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dnm2 (BC010233) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dnm2
Synonyms:	b2b2159Clo; Dyn2; Udnm
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC010233
ORF Size:	1362 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207259).
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:	BC010233, AAH10233
RefSeq Size:	1875 bp
RefSeq ORF:	1364 bp
Locus ID:	13430
Cytogenetics:	9 7.79 cM

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Gene Summary: Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Plays a role in the regulation of neuron morphology, axon growth and formation of neuronal growth cones (By similarity). Plays an important role in vesicular trafficking processes, in particular endocytosis. Involved in cytokinesis (PubMed:18923138). Regulates maturation of apoptotic cell corpse-containing phagosomes by recruiting PIK3C3 to the phagosome membrane (PubMed:18425118).[UniProtKB/Swiss-Prot Function]