Product datasheet for MR218896L4V

Nedd9 (NM_017464) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nedd9 (NM_017464) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nedd9
Synonyms:	Cas-L; CasL; HEF1; MEF1; Nedd-9; p105
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017464
ORF Size:	2499 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218896).
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_017464.5, NP_059492.3
RefSeq Size:	4384 bp
RefSeq ORF:	2502 bp
Locus ID:	18003
UniProt ID:	O35177
Cytogenetics:	13 A3.3- A4

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Gene Summary: Docking protein which plays a central coordinating role for tyrosine-kinase-based signaling related to cell adhesion. May function in transmitting growth control signals between focal adhesions at the cell periphery and the mitotic spindle in response to adhesion or growth factor signals initiating cell proliferation. May play an important role in integrin beta-1 or B cell antigen receptor (BCR) mediated signaling in B- and T-cells. Integrin beta-1 stimulation leads to recruitment of various proteins including CRK, NCK and SHPTP2 to the tyrosine phosphorylated form (By similarity).[UniProtKB/Swiss-Prot Function]