Product datasheet for RC210479L2V

NEDD8 (NM_006156) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NEDD8 (NM_006156) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NEDD8
Synonyms:	NEDD-8
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006156
ORF Size:	243 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210479).
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_006156.1
RefSeq Size:	625 bp
RefSeq ORF:	246 bp
Locus ID:	4738
UniProt ID:	Q15843
Cytogenetics:	14q12
Protein Families:	Druggable Genome
MW:	9.1 kDa

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Gene Summary: Ubiquitin-like protein which plays an important role in cell cycle control and embryogenesis. Covalent attachment to its substrates requires prior activation by the E1 complex UBE1C-APPBP1 and linkage to the E2 enzyme UBE2M. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.[UniProtKB/Swiss-Prot Function]