

Product datasheet for RC213776L3V

NOP2 (NM_001033714) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NOP2 (NM_001033714) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NOP2
Synonyms:	NOL1; NOP120; NSUN1; p120
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001033714
ORF Size:	2424 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213776).
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_001033714.1
RefSeq Size:	2772 bp
RefSeq ORF:	2427 bp
Locus ID:	4839
UniProt ID:	P46087
Cytogenetics:	12p13.31
MW:	89 kDa


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Gene Summary:

Involved in ribosomal large subunit assembly (PubMed:24120868). S-adenosyl-L-methionine-dependent methyltransferase that specifically methylates the C(5) position of cytosine 4447 in 28S rRNA (Probable). May play a role in the regulation of the cell cycle and the increased nucleolar activity that is associated with the cell proliferation (Probable).[UniProtKB/Swiss-Prot Function]