

## OriGene Technologies, Inc.

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## Product datasheet for RC200144L2V

## NSUN5 (NM\_148956) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Name:NSUNS (NM_148956) Human Tagged ORF Clone Lentiviral ParticleSymbol:NSUNSSymonyms:NoL1; NOL1R; NSUNSA; p120; p120(NOL1); WBSCR20; WBSCR20AMammalian CellNoneSelection:Pertor:Vector:pLenti-C-mGFP (PS100071)Tag:mGFPACCN:NM_148956ORF Size:1398 bpORF Insert of this clone is exactly the same as(RC200144).Sequence:The molecular sequence of this clone aligns with the gene accession number as a point of 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 infoRefseq:M. 148956.1Refseq ORF:101 bpLLocus ID:5565UniProt ID:096P11Locus ID:096P11Locus ID:096P11Kimano:001.Nop2_SunMW:004.kba	Product Type:	Lentiviral Particles
Synonyms:NOL1; NOL1R; NSUN5A; p120; p120(NOL1); WBSCR20; WBSCR20AMammalian Cell Selection:NoneVector:pLenti-C-mGFP (PS100071)Tag:mGFPACCN:NM_148956ORF Size:1398 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC200144).Sequence: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 infoOTI 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 148956.1RefSeq ORF:1401 bpLocus ID:5695UniProt ID:096P11Ordientics:096P11Cytogenetics:711.23Domains:No1_Nop2_Sun	Product Name:	NSUN5 (NM_148956) Human Tagged ORF Clone Lentiviral Particle
Mammalian Cell Selection:NoneVector:pLenti-C-mGFP (PS100071)Tag:mGFPACCN:NM_148956ORF Size:1398 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC200144).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 infoOTI Annotation:NM 148956.1RefSeq Size:2377 bpRefSeq ORF:1401 bpLocus ID:5695UniProt ID:096P11UniProt ID:096P11Cytogenetics:711.23Domains:Nol1_Nop2_Sun	Symbol:	NSUN5
Selection:Vector:pLonti-C-mGFP (PS100071)Tag:mGFPACCN:NM_148956ORF Size:1398 bpORF Nucleotide Sequence:nomence of this clone is exactly the same as(RC200144).OTI Disclaimer:The noRF insert 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 aturally 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 infoOTI Annotation:NM 148956.1RefSeq ORF:AM 148956.1Iocus ID:S5695Ionipre Cities:S695Ionipre Cities:G9E11.1Ionipre Cities:G11.23Ionins:No1_Nop2_Sun	Synonyms:	NOL1; NOL1R; NSUN5A; p120; p120(NOL1); WBSCR20; WBSCR20A
Tag:mGFPACCN:NM_148956ORF Size:1398 bpORF NucleotideThe ORF insert of this clone is exactly the same as(RC200144).Sequence: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 infoOTI 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 148956.1RefSeq ORF:1401 bpLocus ID:55695UniProt ID:096P11Oyfogenetics:7q11.23Domains:No1_Nop2_Sun		None
ACCN:NM_148956ORF Size:1398 bpORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(RC200144).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 infoOTI 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 148956.1RefSeq Size:2377 bpRefSeq ORF:1401 bpLocus ID:5695UniProt ID:096P11Cytogenetics:7q11.23Domains:No1_N0p2_Sun	Vector:	pLenti-C-mGFP (PS100071)
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RefSeq Size: 2377 bp   RefSeq ORF: 1401 bp   Locus ID: 55695   UniProt ID: Q96P11   Cytogenetics: 7q11.23   Domains: Nol1_Nop2_Sun	OTI Annotation:	
RefSeq ORF: 1401 bp   Locus ID: 55695   UniProt ID: Q96P11   Cytogenetics: 7q11.23   Domains: Nol1_Nop2_Sun	RefSeq:	<u>NM 148956.1</u>
Locus ID:55695UniProt ID:Q96P11Cytogenetics:7q11.23Domains:Nol1_Nop2_Sun	RefSeq Size:	2377 bp
UniProt ID: Q96P11   Cytogenetics: 7q11.23   Domains: Nol1_Nop2_Sun	RefSeq ORF:	1401 bp
Cytogenetics:7q11.23Domains:Nol1_Nop2_Sun	Locus ID:	55695
Domains: Nol1_Nop2_Sun	UniProt ID:	<u>Q96P11</u>
	Cytogenetics:	7q11.23
<b>MW:</b> 50.4 kDa	Domains:	Nol1_Nop2_Sun
	MW:	50.4 kDa



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Gene Summary: This gene encodes a member of an evolutionarily conserved family of proteins that may function as methyltransferases. This gene is located in a larger region of chromosome 7 that is deleted in Williams-Beuren syndrome, a multisystem developmental disorder. There are two pseudogenes for this gene located in the same region of chromosome 7. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

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