

Product datasheet for **RC213105L4V**

NSUN5 (NM_018044) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | NSUN5 (NM_018044) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | NSUN5 |
| Synonyms: | NOL1; NOL1R; NSUN5A; p120; p120(NOL1); WBSCR20; WBSCR20A |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_018044 |
| ORF Size: | 1287 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC213105). |
| 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_018044.2 |
| RefSeq Size: | 1717 bp |
| RefSeq ORF: | 1290 bp |
| Locus ID: | 55695 |
| UniProt ID: | Q96P11 |
| Cytogenetics: | 7q11.23 |
| Domains: | Nol1_Nop2_Sun |
| MW: | 46.5 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]