

Product datasheet for **SC329434**

MSL1v1 (KANSL1) (NM_001193466) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | MSL1v1 (KANSL1) (NM_001193466) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | MSL1v1 |
| Synonyms: | CENP-36; hMSL1v1; KDVS; KIAA1267; MSL1v1; NSL1 |
| Vector: | pCMV6-Entry (PS100001) |
| Fully Sequenced ORF: | >SC329434 representing NM_001193466. Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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ATGGCTGCGATGGCGCCGCTCTCACTGACGCAGCAGCTGAAGCACACCATATCCGGTCAAACCTGGCT
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CCTCCCGAAATTCACATGAAGCCCTCTGTTGGAACGTCTTCCAGTTGGACTCTTGTGTTTCATCCT
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TCGCCTCCATTGTCCCCTCAAGAGTCGGCATCTGGTGGCAGCACCACAGCTCAGCGCCCGACTCAC
AGATGA
    
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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001193466 |
| Insert Size: | 3318 bp |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| Components: | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water). |
| Reconstitution Method: | <ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C. |
| RefSeq: | <u>NM_001193466.1</u> |
| RefSeq Size: | 5357 bp |
| RefSeq ORF: | 3318 bp |
| Locus ID: | 284058 |
| UniProt ID: | <u>Q7Z3B3</u> |
| Cytogenetics: | 17q21.31 |

MW: 121 kDa

Gene Summary: This gene encodes a nuclear protein that is a subunit of two protein complexes involved with histone acetylation, the MLL1 complex and the NSL1 complex. The corresponding protein in *Drosophila* interacts with K(lysine) acetyltransferase 8, which is also a subunit of both the MLL1 and NSL1 complexes. [provided by RefSeq, Jun 2012]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Variants 1 and 2 encode the same protein.