

Product datasheet for MR211996

Setd5 (BC083184) Mouse Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Setd5 (BC083184) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Setd5 |
| Synonyms: | mKIAA1757, C330007C20 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >MR211996 representing BC083184 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCATTGCAATCCCTCTGGGAGTCACCACACCAGATACTTCCTACTCAGATATGGCTGCTGGATCAG
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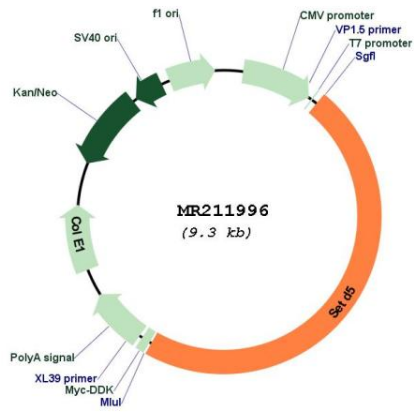
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CCACCAATCTCCAGGATACAGTTATCGAACTACTGCACTGAGACCTGGAACCCCTCCCTCTCACGGTTC
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CCATCAGACTTACGGACTATCAGTCTGCCAATGCTGGGAGTCAAGTGCCTACCAGGCCTCCAGGATAT
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ACTGCAAGGGTCAAGACTCAGACAGGACTTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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| 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. |
| 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: | BC083184.1 |
| RefSeq Size: | 6372 bp |
| RefSeq ORF: | 4382 bp |
| Locus ID: | 72895 |
| Cytogenetics: | 6 E3 |
| MW: | 233.6 kDa |
| Gene Summary: | Displays histone methyltransferase activity and monomethylates 'Lys-9' of histone H3 in vitro (PubMed:22939622). The physiological significance of this activity is unclear (Probable) (PubMed:22939622). Probable transcriptional regulator that acts via the formation of large multiprotein complexes that modify and/or remodel the chromatin. Acts as a regulator of histone acetylation during gene transcription (PubMed:27864380).[UniProtKB/Swiss-Prot Function] |

Product images:



Circular map for MR211996