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Product datasheet for SC214952

SETD6 (NM_001160305) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SETD6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001160305
Insert Size:	2000 bp

Insert Sequence:

>SC214952 3'UTR clone of NM_001160305
The sequence shown below is from the reference sequence of NM_001160305. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTACATCAGTTGTTGGAGCTGACAAGTTAGCAGTTTCCCTGTTCCCTGAAGGAACAGCAATAAGAACTT
TATTCTAAGCTAATACTCATTGATGTTTGAAAAAGAGGAAAATTTGGATCTTTCTTTTGCTTACTAAAC
ACCAAGAGGAAAAGTAGCAAAGTTGGTGTGCTAGGATTAACTCAGGTAAGGGTGATGTGTTTTAGGATT
GAGAACAGCAGACTTGGGAATCACTGCTAATTGTTACTTAAAGCATGTTACAGATGTTTTGTTCTCAGT
TTTAACCAAAGCCAGTGGACATACGGTAGTAATAAGTAAGTCTTGTTGTGTTTCAGCATTTAATAATAG
ACTTTGGAGGTAGACCCCTGGTTTAAATCTAAGTCTAGTTTGAGGAAGTCACTTAACCTTTATTGAAAA
GACTCTGGATTTAATAAGCTGTGTAACTGGTACTCGATAGTTACCCAAAGTTCAGTCTAGATGGCACAA
ACCACCTCTCAGGGAATAAACCCTAAGACATCACTCAAGGAGGACTTCAATTATTTAATTTTGAACTGT
TTTGTCCTCTCTGGCCATAAAACTTGACAGTCATGAAAGGTAAGGCAAATTTTAAGTGGGTTAAGTTTT
TAAATACGTATCTACTCATTTTCTTTAAAAAAAAAAAAAAAATACCTGGGGGAAAAGGATATTAAAACT
GGGTATTTTAAACTCAGCTTAACCAGATAAACCTGCTCCAGCATTTGTCCAGTGTTGAAATAAATAGGA
AGAAAAATACAATTTCCTTAAACATGCCAGCTTAGTAGTAGGAATGACCTATCAATCAATCAATCAATC
ATTCAGCAAGAAGTTAGTTGGTGGTTCCCCATGGCCCCAAGGTCTGCAGGGCTGGATTGTCCACTTTTC
CTCCTCACCACCAGCACTGGCTGCTGCTACTGAGAAAGGCACAGTGGACTCATGTGTGTGTCATGACTT
TAATGGTTAGCTACAGTATGCATACACATACAAGAAGTAGGGGAGCTGAAGCCCAGGAAAAGGCTACAA
AATACAACACAGGGACCAATACATTTGCAAAACATTCAAAATCCTTATAAAAGGGGCTGTATTGGTCCT
TTCAACTTTGTCATTATTCAGCTTAGCCTGTATGGCCATTCATTCAGTGGGGTAATGGGGGAGAACAAT
TAATTAATGAGATTTGGTTCCCTTTCCTATATTCCCACTGTTTTTAAGTTTCAGGAGAGGATTGGGGGG
GTGAGGGTAGGGGTGGGCTTTAGGCCTGGTCTGGTTTCCCTTTATATAAAGAGCTGACCCCCATCTCAG
GCGGCTGAGGTGTATAATCCCCAAAAGAAATAAGATGGTACAAATGCAGTCAGCTTTGGAATACGTTTG
GGTAGAGACAAAATGGAAACTCATGGGATTCCAATAGTGAGCCCTTCCCATGTTCCTGGACATATCCAA
TTCTAGCACATCCACATTTTTAATAACTTAGTGATTTTCAAGGTCCCCTGTCCACATTAAAAAAATAAG
TTACATAATATTCAAACTGGCTTTTTGCTATTCTTTGGGACACCAGGAATGTCAGAAGACATGGAGCTA
TGCCCTCAGACAAGTGCATGGCATCAGCTGCCTCTTCATTACAAGGTACCAGTTTATGTACTTGCCTTG
GACACAGCTTGCACAAAGCCAAGAAGTTCCAGACAAAGGTTTTCTCTTTCATGTATTTACACAAGTTCA
AAATGATATTCACAGCATCTTCTAAATTTTGGCCAAGAGTCAAAAAAATGCATTTAAACTTTGGAACGT
GCCCACATAAGACAGGAGGCTGATCCCAACAGTAGTTGGGGCAGATACCCACAAACCAAAGGGCTGGGA
AAGTCAGGAAGAGCTGAAAGGATTCTTCAGTCAGTTTATGAACTCGGTGCAGTGAGACCTCTAGACTGA
CACGTACAACAGAGATGCAGTTTCGTCTAACTGGCACCTGTCCCTTCCATTACTTGCTGGGCCTGCTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001160305.4

Summary: This gene encodes a methyltransferase that adds a methyl group to the histone H2AZ, which is involved in nuclear receptor-dependent transcription. The protein also interacts with several endogenous proteins which are involved in nuclear hormone receptor signaling. A related pseudogene is located on chromosome 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Locus ID: 79918

MW: 75.6