

Product datasheet for **SC122384**

SETD6 (BC022451) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SETD6 (BC022451) Human Untagged Clone
Tag:	Tag Free
Symbol:	SETD6
Synonyms:	FLJ21148; SET domain containing 6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC022451 edited

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GAAAAACGCGCTCTTAGACCATGGCGACCCAGGCGAAGCGTCCACGGGTGGCGGGGCC
GTGGACGGCGGCGACCTGGATCCTGTGGCCTGCTTCTGAGCTGGTGCCGGCGGGTGGG
CTGGAGCTGAGTCCCAAGGTGAGCGAGCGAGCCGGCGGGCGGAGGACCCGCGGGGCG
CGGGCTGCCCTGACCAGCCCTCTGCTCAGGTGGCGGTGAGCCGGCAGGGCACGGTGGCC
GGCTACGGCATGGTGGCCCGGAGAGCGTGCAGGCCGAGAGTTGCTGTTCTGTTGGTGGC
CGGGCCGCGCTCCTGTGCGAGCACACCTGCTCCATCGGCGGCTGCTGGAGCGAGAGCGA
GTTGCGTGCAGAGCCAGTGGGCTGGGTGCCACTGCTGCTGGCGCTGCTCCACGAGCTG
CAGGCCCGGCTCACGCTGGAGGCCCTACTTTGCGCTCTGGCCGAGCTGGGCCGCTTG
GAGCACCGATGTTCTGGCCAGAGGAGGAGCGCCGGTGCCTGCTCCAGGGCACAGGCGTA
CCTGAGGCCGTGGAGAAGGATTTGGCCAACATCAGCAGCGAGTACCAGTCCATCGTGCTG
CCCTTCATGGAAGCCACCCGATCTCTTCAGCCTCGGGGTTGCTCCCTAGAACTCTAC
CACCAGCTGGTGGCCCTTGATGGCCTATAGCTTTCAGGAACCACTGGAGGAAGAAGAG
GATGAAAAGGAGCCCACTCCCCGTGATGGTGCCTGCTGCAGACATACTAAACCACTTA
GCCAATCACAACGCCAATCTAGAATACTCTGCGAATTGTCTTCGGATGGTAGCCACTCAG
CCCATTCTAAAGGCCATGAGATTTTCAACACTTATGGGCAATGGCTAACTGGCAACTG
ATTCATATGTACGGTTTTGTTGAACCATATCCTGACAACACAGATGACACAGCTGACATT
CAGATGGTGACAGTTCGTGAGGCAGCATTACAGGGAACAAAACTGAAGCTGAAAGGCAC
CTAGTGTACGAGCGCTGGGATTTCTATGCAAACTGGAGATGGTAGGGGAAGAGGGAGCC
TTTGTGATAGGGAGGGAGGAGGTGCTGACTGAAGAGGAGCTGACCACCACACTAAAGGTA
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CAGCTGCTTCAAACAGTGTTCTACTGACTTTGCAGACCTATGCCACAGACTTAAAACT
GACCAAGGTTTACTCAGTAATAAGGAAGTCTATGCGAACTCAGCTGGAGGGAACAGCAA
GCCTTACAGGTTTCGTATGGTCAGAAGATGATCTTACATCAGTTGTTGGAAGTACAAGT
TAGCAGTTTCCCTGTTCCCTGAAGGAACGGCAATAAGAACTTTATTCTAAGCTAATACTC
ATTGATGTTTGAAAAAGAGGAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC022451 unedited <pre> AGGTCGNAATTTGTATACGACTCATATAGGCGGCCGCATAAATTTCGTATAGCATACATTA TACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTTCGTGAGAGCGGGAAGAAAA CGCGCTCTTAGACCATGGCGACCCAGGCGAAGCGTCCACGGGTGGCGGGGCGGCTGGAGC GCGGCGACCTGGATCCTGTGGCTGCTTCTGAGCTGGTGCCGGCGGGTGGGGCTGGAGC TGAGTCCCAAGGTGAGCGAGCGAGCCGGCGGGCGGAGGACCCGCGCGGGGCGCGGGCTG CCCTGACCAGCCCTCCTGCTCAGGTGGCGGTGAGCCGGCAGGGCACGGTGGCCGGCTACG GCATGGTGGCCCCGGGAGAGCGTGCAGGCCGAGAGTTGCTGTTTCGTGGTGGCGGGGCCG CGCTCCTGTGCGAGCACCTGCTCCATCGGCGGCCTGCTGGAGCGAGAGCGAGTTGCGC TGCAGAGCCAGTCGGGTGGGTGCCACTGCTGCTGGCGCTGCTCCACGAGCTGCAGGCC CGGCCTCAGCTGGAGGCCCTACTTTGCGCTCTGGCCGAGCTGGGCCGCTTGGAGCACC CGATGTTCTGGCCAGAGGAGGAGCGCCGGTGCCTGCTCCAGGGCACAGGCGTACCTGAGG CCGTGGAGAAGGATTTGGCCAACATCAGCAGCGAGTACCAGTCCATCGTGTGCCCTTCA TGAAGCCCAACCCGATCTCTTCAGCCTCGGGTTCGCTCCCTAGAACTCTACCACCAGC TGGTGGCCCTTGTGATGGCTATAGCTTTTCAGAACCCCTGGAGGGAGAAGAAGATGAA AAAGGACCCCAACTCCCCGTGGTGGTGGCCTGCTGCAAAACAACTAAACACTTTACCCA TAAAAAGGCCATCTGGAA </pre>
Restriction Sites:	Please inquire
ACCN:	BC022451
Insert Size:	1535 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:	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:	BC022451.1 , AAH22451.1
RefSeq Size:	1535 bp
Locus ID:	79918
Cytogenetics:	16q21
Gene 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]