

Product datasheet for **SC106482**

SMCHD1 (BC006008) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMCHD1 (BC006008) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMCHD1
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC006008, the custom clone sequence may differ by one or more nucleotides

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GAATCGGTTCCCGGGTGATCCTCGCGCCTGCCGCTGCTCGGCCGCCGCCGCTGACGAGGAGCTGCAGCGC
GCCGGGCCGAGGCCTCGAGCCGCCCGGGAGCTGGAGCTGAAGGCGCCGCGCGGAGCGGCACCTCAGCC
CTGAGCCCGGCGCGGCAGGCGTCGCTGTCTTTCTCCTTTTCCCAATATGGCAGCGCGGACGGCGGC
GGGCGCTGGTGGGCCTCTGTGGGACTGAGGAGGATGGCGGAGGCGTCGCCACAGGACGGTGTACTTGT
TTGATCGGCGCGAAAAGGAGTCCGAGCTCGGGACCGGCCTCTGCAGGTCGGGAGCGCTCGGACTACGC
GGGATTTTCGCGCGTGTGTGTGTCAGACACTTGGCATTTCACCTGAAGAAAAATTTGTTATTACAACAACA
AGTAGGAAAGAAATTACCTGTGATAATTTTGTGAACTGTTAAAGATGGAGTCACCTTATACCTGCTAC
AGTCGGTCAATCAGTTACTACTGACAGCTACGAAAGAACGAATTGACTTCTTACCTCACTATGACACACT
GGTAAAAGTGGCATGTATGAATATTATGCCAGTGAAGGACAAAATCCTTTGCCATTTGCTCTTGCGGAA
TTAATTGACAATTCATTGTCTGCTACTTCTCGTAACATTGGGGTTAGAAGAATACAGATCAAATTGCTTT
TTGATGAAACACAAGGAAAACCTGCTGTTGCAGTGATAGATAATGGAAGAGGAATGACCTCTAACAGCT
TAACAACTGGGCCGTGTATAGGTTGTCAAATTCACAAGCAAGGTGACTTTGAAAGTGATCATTACGGA
TATGTTCCGTCCAGTACCAGTGCCACGCAGTTTAAATAGTGATATTTCTATTTTGGTGTGGGGCAAGC
AAGCTGTCTTCTTTGTTGACAATCAGCCAGAATGATAAGCAAACCTGCAGATCCCAAGATGTTACAGA
GCTTGTGCTTTCTAAAGAAGATTTTGAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC006008 unedited ATTCGGCACGAGCGGCGCTGGTCGCGGGTCGCACCGTGAGGCTCGCGTGGGCGGCGATAG GCGCTGGGCCCGGGCCGGTGAGGAGCGCGCCGCGTCCCCTTCTCCTCAGGAGTGGCG GGCCGCGGAAGTGACGTGGTGCACGGGCAGGAGCGGTTTGAATCGGTTCCCGGGTGATC CTCCGCTGCGCTGCTCGGCCCGCCGCTGACGAGGAGCTGCAGNGCGCCGGGCGGAGG CCTCGAGCCCCCGGGAGCTGGAGCTGAAGGCGCCGCGGAGCGCGCACCTCAGCCCTG AGCCCCGCGGCGGCACGGTTCGCTGCTTTTCTCCTTTTCCCAATATGGCAGCGGCGGA CGGCGGCGGCCCTGGTGGGCGCTGTGGGACTGAGGAGGATGGCGGAGGCGTCCGCCA CAGGACGGTGTACTTGTGGTATCGGCGGAAAAGGAGTCCGAGCTCGGGACCGGCTCT GCANGTCGGGAGCGCTCGGACTACGCGGGATTCGCGCGTGTGTGTGTCAGACACTTGG CATTTACCTGAAGAAAAATTTGTTATTACAACAACAAGTAGGAAAGAAATTACCTGTGA TAATTTTATGAACTGTTAAAGATGGAGTCACCTTATACCTGCTACAGTCGGTCAATCA GTTACTACTGACAGCTACAAAAGAACGAATTGACTTCTTAACCTACTATGAACCACTGGN TAAAAGTGGCATGTATGAATATTATGCCAGTGAAGGACAAAATCCTTTGCCATTTGCTCT A
Restriction Sites:	NotI-NotI
ACCN:	BC006008
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:	BC006008.1
RefSeq Size:	1040 bp
RefSeq ORF:	1040 bp
Locus ID:	23347
Cytogenetics:	18p11.32
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a protein which contains a hinge region domain found in members of the SMC (structural maintenance of chromosomes) protein family. [provided by RefSeq, Dec 2011]