

Product datasheet for **SC319064**

SMARCD3 (NM_001003802) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMARCD3 (NM_001003802) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMARCD3
Synonyms:	BAF60C; CRACD3; Rsc6p
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001003802.1
 CTGGCATCTTCTCCCCTCCTCCTTTCCAGATCCTCAGAATGGCCCTTGGTGTGCAGGC
 GCGGTGGGCTCCGGGCCAGGCACCGAGGGGCACTGGATGACTCTCCAGGTGCAGGACC
 CTGCCATCTATGACTCCAGGTCTTACGACCCACCCACCGTGGTACAGCGCCCGGGATG
 CCGTCTGGAGCCCGGATGCCACCAGGGGGCGCCATGGGCCCCCGGGCTCCCCGTAC
 ATGGGCAGCCCCCGGTGCGACCCGGCTGGCCCCCGGGCATGGAGCCCGCCGCAAG
 CGAGCAGCGCCCCCGGGCAGAGCCAGGCACAGAGCCAGGGCCAGCCGGTCCCGACC
 GCCCCCGCGGGAGCCGAGTGCCAAGAGGAGGAAGATGGCTGACAAAATCCTCCCTCAA
 AGGATTCCGGAGCTGGTCCCGAGTCCCAGGCTTACATGGACCTTTGGCATTGAGAGG
 AAAGTGGATCAAACCATCATGCGGAAGCGGGTGGACATCCAGGAGGCTCTGAAGAGGCC
 ATGAAGCAAAAGCGGAAGCTGCGACTCTATCTCCAACACTTTAAACCCTGCGAAGCT
 GATGCTGAGGATCCGACGGCAGCATTGCCTCCTGGGAGCTACGGGTGGAGGGGAAGCTC
 CTGGATGATCCCAGCAAACAGAAGCGGAAGTTCTCTTCTTTCTTCAAGAGTTTGGTCATC
 GAGCTGGACAAAAGATCTTTATGGCCCTGACAACCACCTCGTTGAGTGGCATCGGACACC
 ACGACCCAGGAGACGGACGGCTCCAGGTGAAACGGCCTGGGGACCTGAGTGTGCGCTGC
 ACGCTGTCTCTATGCTGGACTACCAGCCTCCCAAGTTCAAACCTGGATCCCGCCTAGCC
 CGGCTGTGGGGCTGCACACACAGAGCCGCTCAGCCATTGTCCAGGCCCTGTGGCAGTAT
 GTGAAGACCAACAGGCTGCAGGACTCCCATGACAAGGAATACATCAATGGGGACAAGTAT
 TTCCAGCAGATTTTTGATTGTCCCGGCTGAAGTTTTCTGAGATCCCGAGCCCTCACA
 GCCCTGTATTGCCCCCTGACCAATTGTCAACCATGTATCAGCGTGGACCCTTCA
 GACCAGAAGAAGACGGCGTGCTATGACATTGACGTGGAGTGGAGGAGCCATTAAGGGG
 CAGATGAGCAGCTTCTCTATCCACGGCAACCAGCAGGAGATCAGTGTCTGGACAGT
 AAGATCCATGAGACGATTGAGTCCATAAACCAGCTCAAGATCCAGAGGGACTTCATGCTA
 AGCTTCTCCAGAGACCCCAAGGCTATGTCCAAGACCTGCTCCGCTCCAGAGCCGGGAC
 CTAAGGTGATGACAGATGTAGCCGGCAACCCTGAAGAGGAGCGCCGGGCTGAGTTCTAC
 CACCAGCCCTGGTCCCAGGAGGCCGTGCTCGCTACTTCTACTGCAAGATCCAGCAGCGC
 AGGCAGGAGCTGGAGCAGTCTGTTGTGCGCAACACCTAGGAGCCAAAAATAAGCAG
 CACGACGGAACCTTCAGCCGTGTCCCGGGCCAGCATTTGCCCGGGCTCCAGCATCA
 CTCCTCTGCCACCTTGGGGTGTGGGGCTGGATAAAAGTCATTTCATGACAAAAAAA
 AAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001003802
- 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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:	NM_001003802.1 , NP_001003802.1
RefSeq Size:	1689 bp
RefSeq ORF:	1413 bp
Locus ID:	6604
UniProt ID:	Q6STE5
Cytogenetics:	7q36.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI and has sequence similarity to the yeast Swp73 protein. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1), also known as hBAF60c1, encodes the shorter isoform (1). Both variants 1 and 2 encode the same isoform.</p>