

Product datasheet for SC317671

SMYD5 (NM_006062) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMYD5 (NM_006062) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMYD5
Synonyms:	NN8-4AG; RAI15; RRG1; ZMYND23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317671 representing NM_006062. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCGGCCTCCATGTGCGACGTGTTCTCCTTCTGCGTGGGCGTGGCGGGCCGCGCGGGTCTCCGTG
 GAAGTCCGTTTCGTGAGCAGCGCAAGGAAAGGGGCTGTTGCCACACAGCTCATCCGAAGGGGAG
 ACCATCTTCGTAGAACGGCCCTGGTGGCTGCACAGTTTCTTGGAATGCACTTTATCGTACCGAGCC
 TGTGACCACTGCCTTAGGGCACTAGAGAAGGCAGAGGAGAATGCCAGAGGCTGACCGGAAACAGGC
 CAGGTTCTGCCTACCCAGAGCTGTGCACTGTGCGAAAGACCTCCACCAGAACTGTCCCATTGCCAA
 GTGATGTACTGCAGTGCAGAATGTCGGTTGGCAGCCACTGAGCAATACCACCAGGTCCTGTGCCAGGC
 CCTCCCAGGATGACCCCTTGATCCTCTCAATAAGCTTCAGGAGGCATGGAGGAGTATTCACTACCCA
 CCTGAGACTGCAAGCATCATGTTGATGGCTAGGATGGTGGCCACAGTGAAGCAGGCGAAGGACAAGGAC
 CGTTGGATCAGACTCTTTTCCAGTTTTGTAACAAAACAGCCAATGAAGAGGAGGAAATTGTCCATAAA
 CTTCTGGGAGACAAATCAAGGGCAACTGGAACCTCTGCGGAGACTCTTACAGAGGCCCTCTATGAG
 GAAGCAGTCAGCCAGTGGTTCACTCCAGATGGATTCCGGTCTCTCTTGTCTTGTGGACCAATGGC
 CAAGGAATCGGGACCAGTCCCTAAGCCAGTGGGTCCATGCCTGTGACACTCTGGAGTTGAAGCCTCAG
 GACCGTGAGCAGCTTGACGCCTTCATTGACCAGCTATACAAGGACATCGAGGCAGCAACTGGAGAGTTT
 CTTAACTGTGAAGGATCTGGCCTCTTTGTGCTTCAGAGCTGCTGCAACCACAGTTGTGTGCCAATGCA
 GAGACCTCCTTTCCAGAAAACAACCTCCTTTTGATGTCACTGCTCTGGAGGATATTAAGCCAGGAGAG
 GAAATTTGTATCAGCTACTTGGACTGCTGTGAGCGGGAGCGCAGCCGCCACAGCCGCCACAAGATCCTC
 AGGGAGAACTATCTATTTGTCTGTTCTGTCCAAATGCCTGGCAGAGGCTGATGAACCAATGTGACC
 TCAGAAGAGGAAGAGGAAGAGGAGGAGGAGGAGGAAGGAGAGCCAGAAGATGCAGAGCTGGGGGATGAG
 ATGACTGATGT**GTA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_006062
Insert Size:	1257 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).
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:	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:	<u>NM_006062.2</u>
RefSeq Size:	2585 bp
RefSeq ORF:	1257 bp
Locus ID:	10322
UniProt ID:	<u>Q6GMV2</u>
Cytogenetics:	2p13.2
Protein Families:	Druggable Genome
MW:	47.3 kDa