

Product datasheet for **SC305834**

SUHW2 (ZNF280B) (NM_080764) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUHW2 (ZNF280B) (NM_080764) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUHW2
Synonyms:	5'OY11.1; D87009.C22.3; SUHW2; ZNF279; ZNF632
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_080764 edited
 GCCGGCTGTGCCCGGGAGCGCCTCCGGGGCTGGTGCCTGGCCGGCAGCTCGCGAACAGC
 AGCTGATCCGGACTGGATGTGACCTTCTGCCTGGAATAGCTCAAGTTCTTAAAAGTTGCG
 TTGTAATAAACCTGAGGCTGGGAAGTTCAAGATCAAGATGCTGGACGATTTGGTTCTTA
 GTGAAGGCTCTCTCCTGGCTGGTGGATGACAGCCTTCTTGTGTGTTCTCACATGACAG
 AAAGAGGAAGCAAGGTGGCAGTTTATATAAAGGAAGCATTGGGACTTGTGGCCCCACCAT
 TCAGGAATAAAAAAATTAGAAAAAGCAACAATCATGTGAGGAAGAGAAAGAGCCTGAACC
 ACAGAAGAACATACAAGAAACCAACAAGTAGATGACGAAGATGCTGAGCTCATCTTTGT
 TGGTGTGGAACATGTAATGAAGATGCTGAGCTAATCTTTGTTGGGGTGACTTCAAATTC
 AAAACAGTCGTTTCAAACATTTTGAACAGAGTCAACCCGGGTTTCATGGTCAAGGAGAAA
 AAAGTATGATCACCTTAGAAAAGATACTGCTCGCAAATTCGAGCCTAAAAGTCATGAGAC
 CGTTACATCAGAAGCAGTGACCGTCTGCCAGCTTCCCACTTGAATCGAGATCAACAGA
 TAGTCCTATTATTATTGAGCCTTTGTCTAACCTGATTATAGAAATAGTTCACCACAAGT
 TGTGCCTAATAACTCTTCAGAATTACCTTCTCCTTTGATTACATTACAGATTCATTGCA
 TCATCCAGTAAGTACAGCACTTTCAGTAGGAGGTATAAATGAAAGTCCTCGTGTATCAA
 GCAACTTCCACTTTCGAAGTAAACAGCATAAATCCCAAAGGGCTAAACTCAGGGATGG
 AATTATAGAAGGAAATCTTCAGCTTCAATCCCTTCAGATACCTTTCATACAATGAATAC
 TCAGCAAAGTACACCCTCAAATAATGTTTCATACCTCATTAAAGCCATGTTCAAGATGGAGC
 ACCTTTTCCAGCAGCTTTTCAAAGGACAATATCCATTCAAGCCTATAAATACAAATCT
 TGATAGGGCAAATGAATTGGCAAAAACAGACATTTTGGTCTAACCAAGTCAAAAACAGAC
 CTTTGTATCCCAAGAAAGAAAATCCCATTTGAGTCTAACCAAGTCAAAAACAGAC
 TAAAGGAGAAGGGCAGCCGGAACAGAAGACTCACACCACCTTTAAATGCCTCAGCTGCGT
 GAAAGTTCTAAAAAATGTTAAGTTTATGAATCACGTGAAGCATCATTTGGAATTTGAGAA
 GCAGAGGAACGACAGCTGGGAAAACCAACCACCTGCCAGCACTGCCACCGGCAGTTTCC
 CACTCCCTTCCAGCTACAGTGTCACATCGAAAATGTCCCACTGCCAGGAGCCCTCTAC
 TGTCTGTAATCTGTGAATTGTCATTTGAAAACAGATCAGGTCCTCTTACAACACATGAA
 GGACCATCATAAGCCTGGCGAAATGCCCTATGTGTGCCAGGTTTGCCTTATAGATCGTC
 GGTCTTTGCTGATGTAGAAAACATTTTAGAACGTGCCATGAAAACACAAAGAATTTGCT
 TTGTCCCTTTTGTCTCAAAATTTTCAAACAGCAACACCATACATGTGTCATTATAGGGG
 CCACTGGGAAAGAGTGACACCAGTGTCCAAGTGCCGGCTACAGTTTTTAACTTTCAA
 GGAGAAAATGGAGCACAAGACCCAGTGTCAATGTTTAAAGAGCCTAAGCAACTAGA
 AGGATTACCTCCTGAAACAAAAGTACTATTCAAGTGTGCTGGAACCTTTCAGCCAGG
 ATCAGTGGATGTAGCATCCATAACTGTGAGCACATCTGACTCTGAACCATCACTCCCCAG
 GTCTAAAAGCAAAATTTCAAAAAGTCCCATTAATTCTAGTTTCAGTAAATCTAAAGCAA
 GTATTTCAAACAAATTAATAAACTCATAAAACAAAAATACAAACCATACATTATTCA
 GTAGCACCAAAAATAGTGAAGTGTGGATTATATGACTTTTTAAACAAGATTCAGGA
 TATATATTATTGATCTGAATTTTGAGGTATTATTTTAAACATCTGGTTTTTATGTTAA
 CTGTATCTGGCTTAACACATAAAAAGGTGTTTGTGTGTGTGTGAGAGAGAGAAAAAGGT
 ATTAATTTATTTTTTAAATTTTTTAAATTTTTTTTTTTTTTTTTTTTTTTTACTTTAGAGACAGG
 GTCTCACTGTTACCCAGGCTGGAGTGCAGTGGCGTGATCCTAGCTCACTGCAACCTTGAA
 CTTCCAGGCTCAAGCATTCTCCGCTCAGCCTTTGGAGAGTAGCTAGGACTACAGGCGC
 AGCCACCACCCAGCTAATTTTTTATTTTAAATTTTTTGTAGCGATGGAATCTTGTATG
 TCGCCAGGGTGTCTCGAACTCCTGACCTTAGGGGAGCCTCCTGCCTCAGCCTCCCAA
 GTGCTGGGTTGTGTGAGTCACTGCCCTGGCACCTATTTATTGTTTTGTTATTTTCATGTT
 ACTCCTAAGCTTGAAAGCTTTTTTTCTATATACAGAATTC

Restriction Sites: Please inquire
ACCN: NM_080764
Insert Size: 2600 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:	<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:	<u>NM_080764.2</u> , <u>NP_542942.1</u>
RefSeq Size:	5733 bp
RefSeq ORF:	1632 bp
Locus ID:	140883
UniProt ID:	<u>Q86YH2</u>
Cytogenetics:	22q11.22
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene is a transcription factor that upregulates expression of MDM2, which negatively regulates p53 expression. This gene is highly expressed in prostate cancer cells, which leads to a reduction in p53 levels and an increase in growth of the cancer cells. Several transcript variants have been found for this gene, but only one of them is protein-coding. [provided by RefSeq, Jan 2015]</p> <p>Transcript Variant: This variant (1) is the protein-coding variant.</p>