

Product datasheet for **SC125762**

SUHW1 (ZNF280A) (NM_080740) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUHW1 (ZNF280A) (NM_080740) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUHW1
Synonyms:	3'OY11.1; SUHW1; ZNF280; ZNF636
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_080740 edited
GAGCAAGCGGCGTTGTTTCGCCTGCGGAAGCAGTGTGCCGGTCTCTGGACAAATTTCTCC
GGGAGGTGGAGACAAGGAAGCTCCAGCTTCGCTTTCCCTTGTGGCCAGAGTGGAACATA
CTGAGCTGCACTGAATCATCTGGATGCACTCGCAACTTTAGGAACTGGTGGCAATTTGTA
AAAAGACAGCTCTGGAAGTTGAAGAGACCAGTGGCTTCAAGCAAAAAGTAAATGAAAAT
GGGAGATATCTTTTTGTGTAAGAAAGTGAATCACCAAAGAAGAATTTGAGAGAATCCAA
ACAAAGGGAGGAGGATGATGAAGATCCAGATCTGATCTATGTTGGGGTGGAGCATGTACA
TAGAGATGCTGAAGTTCTCTTTGTCGGGATGATTTCAAATTCAAAACAGTCGTTTTCAAA
CATTTTGAACAGAGTCACCCCAGGCTCAAATTCAGAAGAAAGAAAGGCCACTTCCGTCA
ATATCCTGCTCACGTGTCGACGCTGCAAATCATGTGACCTCTATGGCAAAAGCCATCAT
GCCGGTTTCTCTGTCTGAGGGGCGATCGACAGATAGTCCTGTCACTATGAAGTCTTCATC
TGAACCTGGTTATAAAATGAGCTCACCACAAGTTGTTTCTCCAGTTCCTCAGACTCGCT
CCCCCAGGGACTCAGTGTCTAGTTGGAGCTATGGTCTCTGGAGGAGGCAGAAATGAGAG
TTCTCCTGATTCAAAGCGACTTTCCACTTCAGATATAACAGCAGAGATTCAAAAGGGT
TAAACTCAGGGATGGAATCCCAGGGGTACCTTCTTTAGCTGTGGTCCCTTCAGATATGTC
TTCTACAATAAGCACAAATACACCCTCACAGGGATCTGCAACTCATCAACCATGTTCA
GAATGGAGTAACATTTCCCTTGGCCTGATGCTAATGGAAAGGCACATTTCAATCTTACAGA
TCCAGAGAGAGCAAGTGAGTCTGCCCTGGCAATGACAGACATTTCAAGTCTAGCAAGTCA
AAACAAGACCTTTGATCCCAAGAAAGAAAATCCCATCGTGTTACTTAGCGACTTTTACTA
TGGACAGCATAAAGGAGATGGGCAGCCGGAACAGAAGACTCACACCACCTTTAAATGCCT
CAGCTGCGTGAAGTTCTAAAAATATTAAGTTTATGAATCACATGAAGCATCATTTGGA
ATTTGAGAAGCAGAGGAACGACAGCTGGGAAGACCACACCACCTGCCAGCACTGCCACCG
GCCCTTCCCCTCCCTTCCAGCTACAGTGTACATTGATAGTGTACACATCGCCATGGG
GCCCTCTGCTGTCTGAAAATCTGTGAATTGTCATTTGAAACAGATCAGGTCCTCTTACA
ACACATGAAGGACCATCATAAGCCTGGCGAAATGCCTTATGTGTGCCAGGTTTGCCATTA
CAGATCGTCGGTCTTTGCTGATGTGAAACACATTTTAGAACGTGCCATGAAAACACAAA
GAATTTGCTTTGCTGTTTTGTCTCAAACCTTTTCAAACCTGCAATACCATACATGAATCA
TTGTTGGAGGCACAGCAGAAGGAGGTCCTTCAGTGTCCAAGTGCCGGCTACAGTTTTT
GACGTTGAAGGAGGAAATAGAGCACAAAACCAAGGACCATCAAACATTTAAAAGCCGGA
GCAACTGCAAGGGTTGCCTAGTGAACAAAAGTTATTATTCAAACCTCAGTTCAGCCAGG
ATCAAGTGGTATGGCTTCCGTTATTGTTAGCAACTGACCCTCAGTCTTCTCCTGTAAA
AACTAAAAGAAGACGGCTATGAACTAGAGATTCCAGACTCCCTTGCAGCAAGGATTC
TAGCTGAAAATATGTTCCGACTGACTTCCAGGAGTCCGAAAGGCAGAAAGTGGGCTAGGC
CATATGTGCATTGTGGCTGTAGATGCTAGCAAGCAATGTCATCAACTGTCAGGTTGTTTT
TTTACAGTGACATCTCATCAGCTCCCTATTGTCAAGAAGTAGCTCCAAAGCTTTTGAGCC
CTTTCCAGTCAAATGCTCCCAACAGGGCATCCCTTATTCTGACCTCAGAGGTTTTTTCTT
GTTTCATGAACTTTAAATAAATGGAATCACACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_080740 unedited AGGNCGGCCGCGNAATTCGCGGNAATCGTCGACCCACGCGTCCGGNACAAGCGGCGTT GTTTCGCTGCGGAAGCAGTGTCTCCGGTCTCTGGACAAATTTCTCCGGGAGGTGGAGACA AGGAAGCTCCAGCTTCGCTTTCCCTTGTGGCCAGAGTGGAACTACTGAGCTGCACTGA ATCATCTGGATGCACTCGCACTTTAGGAACTGGTGGCAATTTGTAAGACAGCTCTG GAAGTTGAAGAGACCAGTGGCTTCAAGCAAAAAGTAAATTTGAAAATGGGAGATATCTTTT TGTGTAAGAAAAGTGAATCACCAAGAAGAATTTGAGAGAATCCAAACAAGGGAGGAGG ATGATGAAGATCCAGATCTGATCTATGTTGGGGTGGAGCATGTACATAGAGATGCTGAAG TTCTCTTTGTTCGGGATGATTTCAAATTCAAAACAGTCGTTTCAAACATTTTGAACAGAG TCACCCAGGCTCAAATTCAGAAGAAAGAAAGGCCACTTCCGTCAATATCCTGCTCACG TGTGCGAGCTGCAATCATGTGACCTCTATGGCAAAAGCCATCATGCCGTTTCTCTGT CTGAGGGGCGATCGACAGATAGTCTGCTACTATGAAGTCTTCATCTGAACCTGGTTATA AAATGAGCTCACACAAGTTGTTTCTCCAGTTCCTCAGACTCGCTCCCCCAGGACTC AGTGTCTAGTTGGAGCTATGGTCTCTGGGAGAAGCAGAAATGAGAGTTCTCTGATTCAA GCGACTTTCACCTCAGATATAACAGCAGAGATCCAAAGGGTTAAACTCAGGNATGGAATC CCAGGGTACCTTCTTTAGC
Restriction Sites:	NotI-NotI
ACCN:	NM_080740
Insert Size:	2300 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:	<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_080740.3 , NP_542778.1
RefSeq Size:	2180 bp
RefSeq ORF:	1629 bp
Locus ID:	129025
UniProt ID:	P59817
Cytogenetics:	22q11.22
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

This gene encodes a zinc finger protein. The encoded protein contains 4 C2H2-type zinc fingers, which are commonly found in transcription factors. A variety of functions may be performed by this type of zinc finger protein, including the binding of DNA or RNA. [provided by RefSeq, Apr 2014]