

Product datasheet for **SC110469**

WDR82 (NM_025222) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR82 (NM_025222) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR82
Synonyms:	MST107; MSTP107; PRO2730; PRO34047; SWD2; TMEM113; WDR82A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_025222, the custom clone sequence may differ by one or more nucleotides

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ATGAAGCTGACCGACAGCGTGTTCGGGAGCTCCGCGTCGCTAAGGTGTTCCGCGAAAACTCGGACAAGA
TTAACTGCTTCGATTTTCAGCCCCAACGGCGAGACGGTCATCTCGAGTAGCGACGACGACTCCATCGTGCT
CTATGACTGCCAGGAGGGCAAACCAAAGAGAACCCTGTACAGTAAGAAATATGGTGTGGACCTCATCAGA
TACACTCATGCAGCAAACACAGTTGTTTACAGCTCTAACAAAATAGACGATACTATTCGTTACTTGTCTCT
TGCATGACAACAAATACATCAGATACTTCTGGACATAGCAAAAGGGTGGTGGCCTTGCCATGTCACC
TGTGGATGACACTTTTCTTTCTGGTCTCTTGATAAGACCATTCGACTCTGGGATCTCCGGTCTCCTAAC
TGCCAGGGCCTCATGCATCTGCAGGGGAAGCCAGTTTGTCTTTTATCCAGAAGGGTAAATTTTCGCTG
CAGGTGTCAACTCTGAAATGGTCAAGCTTTATGACCTTCGTTCTTTTATGATAAGGGGCCATTTGCTACCTT
TAAGATGCAGTATGATCGAACTTGTGAGTGGACAGGACTTAAATTCAGCAATGATGGCAAGCTCATCCTC
ATTTCCACCAACGGCAGCTTCATTCGTCTGATTGATGCATTCAAAGGAGTGGTATGCACACATTTGGGG
GTTATGCCAACAGCAAAGCTGTCACACTGGAGGCTTCAATTTACTCCAGACTCTCAGTTTATTATGATTGG
TTCAGAGGATGGCAAGATCCATGTCTGGAATGGAGAGAGCGGTATAAAAGTAGCTGTGTTGGATGGTAAA
CACACAGGCCCGATTACCTGTTTGAATTCAACCCCAAGTTCATGACTTTTGCCAGTGCCTGTTCCAACA
TGGCCTTTTGGTTGCCACCATTGATGACTGA
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Restriction Sites:	NotI-NotI
ACCN:	NM_025222
Insert Size:	1890 bp



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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:	A TrueClone.
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_025222.2</u> , <u>NP_079498.1</u>
RefSeq Size:	4292 bp
RefSeq ORF:	414 bp
Locus ID:	80335
UniProt ID:	<u>Q6UXN9</u>
Cytogenetics:	3p21.2
Gene Summary:	TMEM113 (WDR82) is a component of the mammalian SET1A (MIM 611052)/SET1B (MIM 611055) histone H3-Lys4 methyltransferase complexes (Lee and Skalnik, 2005 [PubMed 16253997]; Lee et al., 2007 [PubMed 17355966]).[supplied by OMIM, Jul 2010]