

Product datasheet for **SC126100**

WDR85 (DPH7) (BC003123) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR85 (DPH7) (BC003123) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR85
Synonyms:	C9orf112; FLJ90634; OTTHUMP00000022705; RP11-48C7.3; WD repeat domain 85
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC003123 edited
 GTCCGGCCGGCCCCGGCCTCGCCGCCCGCGCAGTACCCAGCCCGGCCCGCCGACCCGC
 CTCTACTGCCGGCTCCGCGCCCTTCCCCGAGGGCTGGATGATGGGCTGTTTCGCCCTGCA
 AACGGTGGACACCGAGCTGACCGCGGACTCGGTGGAGTGGTGCCCGCTGCAAGGCTGCAG
 GCACCTGCTGGCGTGCGGGACCTACCAGCTGCGGCGCCGGAGGACCGCCCTGCCGGCCC
 CCAGAACAAGGGTGAATGGAAGTTAAGGAGCCTCAGGTCCGTTTAGGCCGTCTCTTCCT
 GTACAGTTTCAATGACAACAACCTATTACCCCTCTGGTCGAGGTCCAAAGAAAAGATAAC
 TTCTGCAATCCTGGACATGAAATGGTGTACATCCCAGTGGCTGGACATGCCCTCTGGG
 CTTGGCAGATGCCAGTGGATCCATAACAACCTGCTCCGCCTGGTGAATCTGAGAAGAGCCA
 CGTGCTGGAGCCATTGTCCAGCCTTGCCTGGAGGAGCAGTGTCTGGCTTGTCCCTAGA
 TTGGTCCACTGGGAAAAGTGAAGGGCCGGGACCAGCCCTTGAAGATCATCAGCAGTGA
 CTCCACAGGGCAGCTCCACCTCTGATGGTGAATGAGACGAGGCCAGGCTGCAGAAAAGT
 GGCCTCATGGCAGGCACATCAATTCGAGGCCTGGATTGCTGCTTCAATTACTGGCATCC
 AGAAATTTGTATTTCAGGGGGCAGCATGGCCTTCTGAGGGGCTGGACACCAGGGTACC
 CGGCAAAATTTCTTCCAGCAAAAAGACACACCATGGGTGTGTGCAGCATCCAGAGCAG
 CCCTCATCGGGAGCACATCCTGGCCACGGGAAGCTATGATGAACACATCCTACTGTGGGA
 CACACGAAACATGAAGCAGCCGTTGGCAGATACGCCTGTGCAGGGTGGGGTATGGAGAAT
 CAAGTGGCACCCTTCCACCACCACCTGCTCCTGGCCGCCTGCATGCACAGTGGCTTTAA
 GATCCTCAACTGCCAAAAGGCAATGGAGGAGAGGCAGGAGGCAGCGTCTGACATCTCA
 CACATTGCCCGACTCGTGGTGTATGGAGCCGACTGGTCTGGCTGCTTCCGTTCTCT
 GCAGCGGGCCCCCTCGTGGTCTTCTAGCAACCTAGGAACCAAGACGGCAGACCTGAA
 GGGTGAAGCGAGTTGCCAACCCCTGTCATGAATGCAGAGAGGATAACGATGGGGAGGG
 CCATGCCAGACCCAGAGTGAATGAAGCCACTCACAGAGGGCATGAGGAAGAATGGCAC
 CTGGCTGCAGGCTACAGCAGCCACACAGTACTGTGGCGTGAACCCAGAAGAAGCAGA
 CTCAGCCTTACGCTCCTGGCCACCTGCTCCTTATGACCATGCCTCCACCTCTGGGA
 GTGGGAGGGAACTGAGCTTGAATCATGAAGCCCTTCCACAAGGAAACCAGGAGGGA
 GACTGCGAGTGAGTGCCCGGACCACCTCATCAGAGATGCTTACTGCAGCCCTGCAGGTG
 CCTGGGCACTGATGGAATCCACAGTGTAGTCAGAAAAGCTGTTGACTTCTCTAAATCAG
 CTTCCCTGCTGGGCCCTGAAAGTGGACTGGGTGATTCTGTCTGGCAGAGAGTGGGGAAA
 AGACGCGGTTCCAGCTTGCAGATTTGTTAAGTTTCTCAGGCAGATTTTGACTTTCAGCC
 TTTCACTTGTTAAGCAACTATTTGATTAATGAAGTTTTTTGAAAAAAAAAAAAAAAA
 AAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC003123 unedited
 TCGTATTTTGTAAATACGACTCACTATTAGGGCGGCCGGAATTCGCACGAGGGTCCGGCC
 GGCCCCGGCCTCGCCGCCCGCGCAGTACCCAGCCCGGCCCGCCGACCCGCCTCTACTG
 CCGGCTCCGCGCCTTCCCCGAGGGCTGGATGATGGGCTGTTTCGCCCTGCAAACGGTGG
 ACACCGAGCTGACCGGGACTCGGTGGAGTGGTGCCCGCTGCAAGGCTGCAGGCACCTGC
 TGGCGTGCGGGACCTACCAGCTGCGGCGCCGGAGGACCGGCCTGCCGGCCCCAGAACA
 AGGGTGAATGGAAGTTAAGGAGCCTCAGTCCGTTTAGGCCGTCTTCTCTGTACAGT
 TCAATGACAACAACCTATTACCCCTCTGGTCGAGGTCCAAAGAAAAGATACTTCTGCAA
 TCTGGACATGAAATGGTGTACATCCCAGTGGCTGGACATGCCCTCTTGGGCTTGGCAG
 ATGCCAGTGGATCCATAACAACCTGCTCCGCCTGGTGAATCTGAGAAGAGCCACGTGCTGG
 AGCCATTGTCCAGCCTTGCCTGGAGGAGCAGTGTCTGGCTTGTCCCTAGATTGGTCCA
 CTGGGAAAAGTGAAGGGCCGGGACCAGCCCTTGGATCATCAGCAGTACTCCACAG
 GGCAGCTCCACCTCTGATGGTGAATGAGACGAAGCCANGCTGCAGAAAAGTGGCCTCAT
 GGCAGGCACATCANTTCGAGGCCTGGATTGCTGCTTTCATTAAGTCCAGAAAATGTG
 TATTCAGGNNCGACNATAGCCCTTCTGTAGGGCTGGGACACCAGGGNTACCCCGGCAAA
 TTNTTCTTCAAGCAAGAACACCCATGGGTGTGTGCAGCATCCAAAGCAGCCCTCAT
 GNGGAGCCCTATCCTGTCCACCGAAAGCTATGGATGAACACCTCCTACTGTGTGGAACA
 ACGAAAAGTGAACAGCCCTT

Restriction Sites:	Please inquire
ACCN:	BC003123
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:	BC003123.1 , AAH03123.2
RefSeq Size:	1808 bp
Locus ID:	92715
Cytogenetics:	9q34.3
Gene Summary:	Diphthamide is a post-translationally modified histidine residue present in elongation factor 2, and is the target of diphtheria toxin. This gene encodes a protein that contains a WD-40 domain, and is thought to be involved in diphthamide biosynthesis. A similar protein in yeast functions as a methyltransferase, converting methylated diphthine to diphthine, which can then undergo amidation to produce diphthamide. [provided by RefSeq, Oct 2016]