

Product datasheet for **SC320728**

WDR12 (NM_018256) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR12 (NM_018256) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR12
Synonyms:	YTM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018256.2
 CTGCAGTTCCTCGCTTACCTGTGCAGTCTAATTTTGAGCTGCCTCTTTGTAGTCTTAAAA
 GGCAGGAGCTTCGTGTTGTGGGTCTGCTAACCCGTACGTTTCCGTGGCAAGTCGTGTGT
 ACTCCTCGCCATGGCTCAGCTCCAAACACGCTTCTACTGATAACAAGAAATATGCCGT
 AGATGATGTTCCCTTCTCAATCCCTGCTGCCTCTGAAATTGCCGACCTTAGTAACATCAT
 CAATAAACTACTAAAGGACAAAAATGAGTTCACAAAACATGTGGAGTTTGATTTCCTTAT
 TAAGGGCCAGTTTCTGCGAATGCCCTTGGACAAAACACATGGAAATGGAGAACATCTCATC
 AGAAGAAGTTGTGGAAATAGAATACGTGGAGAAGTATACTGCACCCAGCCAGAGCAATG
 CATGTTCCATGATGACTGGATCAGTTCAATTAAGGGGCAGAGGAATGGATCTTGACTGG
 TTCTTATGATAAGACTTCTCGGATCTGGTCTTGGAAAGGAAAGTCAATAATGACAATTGT
 GGGACATACGGATGTTGTAAAAGATGTGGCCTGGGTGAAAAAGATAGTTTGTCTGCTT
 ATTATTGAGTGTCTATGGATCAGACTATTCTTATGGGAGTGGAAATGTAGAGAGAAA
 CAAAGTGAAAGCCCTACTGCTGTAGAGGTCATGCTGGAAGTGTAGATTCTATAGCTGT
 TGATGGCTCAGGAACTAAATTTGCAGTGGCTCCTGGGATAAGATGCTAAAGATCTGGTC
 TACAGTCCCTACAGATGAAGAAGATGAAATGGAGGAGTCCACAAATCGACCAAGAAAGAA
 ACAGAAGACAGAACAGTTGGGACTAACAAGGACTCCCATAGTGACCCTCTCTGGCCACAT
 GGAGGCAGTTTCCCTCAGTTCTGTGGTCAGATGCTGAAGAAATCTGCAGTGATCTTGGGA
 CCATACAATTAGAGTGTGGGATGTTGAGTCTGGCAGTCTTAAGTCAACTTTGACAGGAAA
 TAAAGTGTAAATTGATTTCTATTCTCCACTTTGTAACGTTTAGCATCTGGAAGCAC
 AGATAGGCATATCAGACTGTGGGATCCCCGAACTAAAGATGGTCTTTGGTGTGCGTGTG
 CCTAACGTCACATACTGGTTGGGTGACATCAGTAAAATGGTCTCCTACCCATGAACAGCA
 GCTGATTTTCAGGATCTTTAGATAACATTGTTAAGCTGTGGGATACAAGAAGTTGTAAGGC
 TCCTCTATGATCTGGCTGCTCATGAAGACAAAGTTCTGAGTGTAGACTGGACAGACAC
 AGGGCTACTTCTGAGTGGAGGAGCAGACAATAAATTTGATTCCTACAGATATTCACCTAC
 CACTTCCCATGTTGGGGCATGAAAGTGAACAATAATTTGACTATAGAGATTATTTCTGTA
 AATGAAATTGGTAGAGAACCATGAAATTACATAGATGCAGATGCAGAAAGCAGCCTTTTG
 AAGTTTATATAATGTTTTACCCTTCATAACAGCTAACGTATCACTTTTTCTATTTTGT
 ATTTATAATAAGATAGGTTGTGTTTATAAAATACAACTGTGGCATACATTCTCTATACA
 AACTTGAAATTAAGTGGTTTTACATTTCTCTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_018256

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: [NM_018256.2](#), [NP_060726.2](#)

RefSeq Size: 1720 bp

RefSeq ORF: 1272 bp

Locus ID: 55759

UniProt ID: [Q9GZL7](#)

Cytogenetics: 2q33.2

Domains: WD40

Gene Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein is highly similar to the mouse WD repeat domain 12 protein at the amino acid level. The protein encoded by this gene is a component of a nucleolar protein complex that affects maturation of the large ribosomal subunit.[provided by RefSeq, Dec 2008]