

Product datasheet for **MC227623**

Wdr12 (NM_001199061) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wdr12 (NM_001199061) Mouse Untagged Clone
Tag: Tag Free
Symbol: Wdr12
Synonyms: 4933402C23Rik; Ytm1; Ytm1p
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227623 representing NM_001199061
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCACAACCTCCAGGCACGTTTCTACAGCGAGAACAAGAATACGCAGTGGATGATGTCCCTTTCTCAA
 TCCCTGCCGCTGCTGAAGTTGCGGACCTTAGTAACATTATCAATAAGTTGCTGGAGACAAAAATGAACT
 CCACAAGCATGTCGAGTTTGATTTCCTTATCAAGGGCCAGTTTCTCGAGTGCCCTTGGTCAAACACATG
 GAACTGGAGAACATTTTCATCGGAAGAGGTTGTGGAAGTGAATATGTGGAAAAGTACACCGACCCACGC
 CAGAGCAGTGCATGTTCCATGATGACTGGATCAGCTCAATTGAAGGGGCAGAAGAATGGATCCTGTCTGG
 TTCTTATGATAAGACTTCTCGGATCTGGTCTTGGAAAGGAAAGTCGATAATGACAATTGTGGGACATACA
 GATGTTGTGAAAGATGTGGCTTGGGTGAAAAAAGACAGTTTGTCTGCTTACTACTGACGGCCTCGATGG
 ACCAGACTGTTCTTATGGGAGTGGAAATGTAGAGAAGAACAAGTGAAGCTCTGCACTGCTGCCGAGG
 GCATGCTGGGAGTGTGGACGCCATCGCAGTCGATAGCTCGGGAGCTAAGTTTTGCAGTGGCTCCTGGGAT
 AAGATGCTAAAGATCTGGTCTACAGTCCCTACAGATGAAGAAGATGAAATGGAAGAAGCCACAAATCGAC
 CAAGAAAAAGCAAAAAACAGAACAATTGGGACTAACAAAGAACCCTTGGTGACCCTCTCTGGCCACAC
 AGAAGCAATTTCTCAGTCTTTGGTCTCAGACGCTGAAGAATCTGTAGTGCATCTTGGGATCACACAATT
 AGAGTGTGGGATGTTGAGTCTGGCGGTCTTAAGTCAACTCTGACAGGAAATAAAGTGTAAATTGTATTT
 CCTATTCTCCCCTTTGTAACGTTTGGCATCTGGAAGCACAGACAGGCATATTAGACTGTGGGATCCCCG
 AACTAAAGATGGTTCTTTGGTGTGCTGTCTCACCTCACACACAGGCTGGGTGACATCAGTGAAGTGG
 TCTCTACCCATGAACAGCAGCTCATCTCGGGCTCTTTAGATAACATTGTGAAGCTATGGGATACAAGAA
 GCTGTAAGGCTCCTCTACGATCTAGTGTCTCATGAAGACAAAGTTCTAAGTGTGGACTGGACAGACAC
 AGGGCTACTTCTGAGTGGAGGAGCAGACAATAAATTGTATTCCTACAGCTATTCCCCTACCACTTCCCAT
 GTGGGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001199061
Insert Size:	1272 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001199061.1</u> , <u>NP_001185990.1</u>
RefSeq Size:	2856 bp
RefSeq ORF:	1272 bp
Locus ID:	57750
UniProt ID:	<u>Q9JJA4</u>
Cytogenetics:	1 C2
Gene Summary:	Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1-3 encode the same protein.