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# Product datasheet for SC205381

## WDR45 (NM_001029896) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Symbol:** | WDR45 |
| **Synonyms:** | JM5; NBIA4; NBIA5; WDRX1; WIPI-4; WIPI4 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_001029896 |
| **Insert Size:** | 391 bp |
| **Insert Sequence:** | >SC205381 3'UTR clone of NM_001029896<br>The sequence shown below is from the reference sequence of NM_001029896. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>CTTGACATCTGTGATGATGATGACTTTTAAGGACCCTGGGGGCTGTGCTAGGGACCTGCAGTGGCAGAA<br>CTGCAGAGCTGAGCCTTGGCAGTGGGGCGTGCTTGGAAGCCACCAGCCAGCAAGCATTAATGGGGCTGG<br>TGCCCACTTTCCACTCAGCAGAGCTATGTCTAAATAAAGAGCTCACTTCCCCCCAGCACTTCTTGATGA<br>CTGTGTGCCCCAAGGGCCAGGCCAGAGACCCAGGAAGGCAGCGACCCCTTGGGATCCCTAACCTGGAGG<br>AAATTGCCAGGGACCCAGAGGGAGTGCCCTAATCCAACCTGGGGATTTTTTAAAAGCTTCCTAGGAAGA<br>GATGATCTCCGATGTGATGAATACGAATAAAAGGCCCTTAATGGCA<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **Restriction Sites:** | SgfI-MluI |
| **OTI Disclaimer:** | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs). |

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** NM_001029896.2

**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 gene has a pseudogene at chromosome 4q31.3. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity and full-length nature of some variants have not been determined. [provided by RefSeq, Jul 2008]

**Locus ID:** 11152

**MW:** 14.4