

Product datasheet for SC123639

WDR33 (BC013990) Human Untagged Clone

Product data:

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|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | WDR33 (BC013990) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | WDR33 |
| Synonyms: | FLJ11294; WDC146; WD repeat domain 33 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |

Fully Sequenced ORF: >OriGene sequence for BC013990 edited
GGCACGAGGGTTCGGTGGCCCATAGGGGAAGATGGCGGCTGCTCCTTTGGAGGAGCGGGA
TTGAGAGGATCGGGGTGGGAGACCAACAAGAGAGACATTTCTGGCTCTGAAGCGCAAC
GCTTCGCTGGCCATTTAGGAGCTCTGCTCAAAGCCAGACGTATCCTAGAAGGAAAACATC
ACCATGGCTACAGAAATTGGTTCTCCTCCTCGTTTTTTCCATATGCCAAGTTCCAGCAC
CAGGCACCTCGACAGCTGTTTTATAAGCGACCTGATTTTGCACAACAGCAAGCAATGCAA
CAGCTTACTTTTGATGGAAAACGAATGAGAAAAGCTGTGAACCGAAAAACCATAGACTAC
AATCCATCTGTAATTAAGTATTTGGAGAACAGAATATGGCAAAGAGACCAGAGAGATATG
CGGGCAATTCAGCCTGATGCAGTTATTACAATGATCTGGTCCCACCTATAGGAATGTTG
AATAATCCTATGAATGCAGTAACAACAAAATTTGTTCCGACATCAACAAATAAAGTAAAG
TGTCTGTATTTGTTGTTAGGTGGACTCCAGAAGGAAGACGCTTGGTCACTGGAGCTTCT
AGTGGGGAGTTTACCCTGTGGAATGGACTCACTTTCAATTTTGAACAATATTACAGGCT
CAGCACAGCCAGTGAGGGCCATGACGTGGTACATAATGACATGTGGATGTTGACAGCA
GACCACGGAGGATATGTGAAATATTGGCAGTCGAACATGAACAACGTCAAGATGTTCCAG
GCACATAAGGAGGCGATTAGAGAGGCCAGGTTTATACACAATATACCATTTTCTGTAGTC
CCTATTGTCATGGTTAAATTTCTCTAAGTGTATTCTGGGTGCAGAGATGCATGGGCTC
TGTCAGTTTCTGGGAACTTTCTGCACCCTATAAACACAATATTTTCTTTGTTTTACACA
CATTACCATTTTGTCTGGCACCTTTCTGAAGTAGTGTGTTGCCGGTATCAGCCTTTGCAA
TATGTTAGAGATGTAAGTCTGCCCATTGTCAGTGGTTTTCTCTTTTCATTTATGATT
AATAATGTGTATACGTTATTCCTTTTTATTATCTACTGTGAAGACAAGAATATTTTCATT
CCAAATAAAGAATTCAGTCTTTAAAAAAAAAAAAAAAAAAAAA



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for BC013990 unedited</p> <pre> NNNNNTTGTCAACAATTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGGT TCGGTGGCCCATAGGGGAAGATGGCGGCTGCTCCTTTGGAGGAGCGGGATTGAGAGGATC GGGGTGGGAGACCAAACAAGAGAGACATTTCTGGCTCTGAAGGCGAACGCTTCGCTGGC CATTTAGGAGCTCTGCTCAAAGCCAGACGTATCCTAGAAGGAAAACATCACCATGGCTAC AGAAATGGTTCTCCTCCTCGTTTTTTCCATATGCCAAGGTTCCAGCACCAGGCACCTCG ACAGCTGTTTTATAAGCGACCTGATTTTGCACAACAGCAAGCAATGCAACAGCTTACTTT TGATGGAAAACGAATGAGAAAAGCTGTGAACCGAAAAACCATAGACTACAATCCATCTGT AATTAAGTATTTGGAGAACAGAATATGGCAAAGAGACCAGAGAGATATGCGGGCAATTCA GCCTGATGCAGGTTATTACAATGATCTGGTCCCACCTATAGGAATGTTGAATAATCCTAT GAATGCAGTAACAACAAAATTTGTTCCGACATCAACAAAATAAAGTAAAGTGCCTGTATT TGTTGTTAGTGGACTCCAGAAGGAAGACGCTTGGTCACTGGAGCTTCTAGTGGGAGTT TACCCTGTGGAATGGACTCACTTTCAATTTTGAACAATATTACAGGCTCAGCAGCCC AGTGAGGGCCATGACGTGGTCACATAATGACATGTGGATGTTGACAGCAGACCACGGAGG ATATGTGAAATATTGGCAGTCGAACATGAACAACGTCAAGATGTTCCAGGCACATAAGGA GGCGATTAGAGAGGCCAGGTTTATACANCATATACC </pre> |
| Restriction Sites: | Please inquire |
| ACCN: | BC013990 |
| Insert Size: | 1181 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). |
| 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: | BC013990.1 , AAH13990.1 |
| RefSeq Size: | 1181 bp |
| Locus ID: | 55339 |
| Cytogenetics: | 2q14.3 |
| Protein Families: | Stem cell - Pluripotency |

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 gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]