

Product datasheet for **SC306889**

WDR62 (NM_173636) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR62 (NM_173636) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR62
Synonyms:	C19orf14; MCPH2
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_173636, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCCGTAGGGTCCGGAGGCTATGCGCGGAACGATGCAGGGGAGAAGCTGCCCTCT
GTCATGGCGGGAGTTCCGGCGCGGAGGGGCCAGTCTCCCGCCCCCGCCCCACCAATC
TGCCTACGGCGCGGACGCGACTCTCGACGGCCTCCGAGGAGACGGTGCAGAACCGGGT
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CCTGATGGGAAGTACATAGTGACAGGGGAGAATGGGCATAGGCCCTGTGTGCGCATCTGG
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GTGGCCTTCTCACCCAATATGAAGCACATCGTGTCCATGGGCTACCAACATGACATGGTG
CTCAACGTCTGGGACTGGAAGAAAGACATCGTAGTGGCCTCCAACAAGGTATCTTGTAGA
GTCATTGCCCTCTCCTTCTCAGAGGACAGCAGCTATTTTGTCACTGTTGGGAACCGCCAT
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GTAGGGCGCTCGGGCATCCTGGGCGAGCTGCACAACAACATCTTCTGTGGTGTGGCCTGC
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TTCAATGAGAAGAGGGTGTGGAGAAGTGGATCAACCTGAAGGTCTCCCTGTCTTCTCTGC
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ATCCATGTGCTGAACGTGGAGAAGAACTACAACCTGGAGCAGACGCTGGATGACCACTCC

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TCCTCCATCACCGCCATCAAGTTCGCTGGCAACAGAGACATCCAGATGATCAGCTGTGGG
 GCTGACAAGAGCATCTACTTTCCGAGTGCCAGCAGGGTTCGGATGGACTACACTTTGTC
 CGTACCCACCACGTAGCAGAGAAAACCACTTGTATGACATGGACATTGACATCACCCAG
 AAGTACGTGGCCGTGGCTGCCAGGACCGCAATGTGAGAGTCTACAACACTGTGAACGGG
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 AGCCTCCAGAAGGCATCCAGGTTACCCATACCTTCCCTCCCGGGCAACCCAGTGCCCTT
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 GATGGGCTCCTGCAGCCCCCGTGGATACCCAGCCTGGCGTACCCGTCCTGCAGTGAGC
 TTCCCAGCCCCTAGCCCTGTGGAAGAGAGCGCCCTGAGGCTCCACGGCTCTGCCTTTCG
 CCAAGTCTCCAGCTCCTGAGTCCCTGGCCTTCTGCCACCCAGTAACCCCACTT
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 GCACTTGGTCTGTTACAGGGCAGCCCTGCCCGCTGGAGTGAGCCCTGGGTGCCGTTGAA
 GCCCTGCCCCATCTCCCTTGAGCTGAGCAGGGTGGGGAACATCTTGCACAGGCTGCAG
 ACCACCTTCCAAGAAGCCCTCGACCTTTACCGTGTGTTGGTCTCCAGTGGCCAGGTGGAC
 ACCGGGCAGCAGCAGGCACGGACTGAGCTGGTCTCCACCTTCTGTGGATCCACAGCCAG
 CTGGAGGCTGAATGCCTGGTGGGACTAGTGTGGCCCCAGCCAGGCTCTGCCAGCCCA
 GGACCCCGTCCCAACGACGCTGTACCCCTGGCCAGCCAGACCTGCAGGCCCTGCTG
 GAACACTACTCGGAGCTGCTGGTGCAGGCCGTGCGGAGGAAGGCACGGGGCACTGA

Restriction Sites:

Please inquire

ACCN:

NM_173636

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:	<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_173636.3</u> , <u>NP_775907.3</u>
RefSeq Size:	4729 bp
RefSeq ORF:	4557 bp
Locus ID:	284403
UniProt ID:	<u>O43379</u>
Cytogenetics:	19q13.12
Gene Summary:	<p>This gene is proposed to play a role in cerebral cortical development. Mutations in this gene have been associated with microencephaly, cortical malformations, and cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in a shorter protein (isoform 2).</p>