

Product datasheet for **SC329079**

WDR65 (CFAP57) (NM_001167965) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR65 (CFAP57) (NM_001167965) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR65
Synonyms:	VWS2; WDR65
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001167965, the custom clone sequence may differ by one or more nucleotides <pre> ATGTCAGCCGTGGTAGCTCAGACGCTGCATGTTTTTGGTCTTCGATCCCACGTGGCCAAC AATATCTTCTACTTCGATGAACAGATCATTATATTTCTTCAGGAAATCACTGTGTGAAG TACAATGTGGATCAGAAATGGCAAAATTCATTCCAGGCTCAGAGAAGAGTCAGGGCATG TTGGCCTTGTCCATCAGTCCCAATCGGCGGTACCTCGCTATCTCTGAGACTGTGCAAGAA AAACCTGCCATCACCATTATGAATTGTCATCCATCCCTTGCCGGAAGCGCAAAGTTCTT AATAATTTTGACTTCCAAGTTCAGAAATTTATTAGCATGGCTTTTTCTCCAGACTCCAAA TACCTATTGGCTCAGACGTCACCTCCAGAGTCAAATCTTGTCTACTGGCTGTGGGAAAAA CAGAAAGTAATGGCCATTGTTAGAATCGACACTCAGAACAACCCTGTCTACCAGGTGAGC TTCAGTCCACAGGATAACACTCAGGTGTGTGTCCTGGAATGGGATGTTAAGCTTCTC CGTTTTGCTGAGGGAACCCTGAAGCAAACCAGCTTTCAGAGGGGAGAACCCCAAACTAT CTAGCTCACACCTGGGTGGCTGATGACAAGATTGCGTTGGCACTGACACAGGCAAACCTC TTCCTCTTTGAATCTGGAGATCAGCGTTGGGAGACCAGCATAATGGTCAAGGAACCTACC AATGGCTCAAAGAGCCTGGATGTCATTCAAGGAATCAGAGAGCCTGATTGAATTTCCACCA GTCAGTTCTCCACTCCCTTCCTATGAACAGATGGTGGCGGCCAGTAGCCATAGCCAGATG TCCATGCCCCAGGTGTTTGCCATTGCAGCCTATTCAAAGGGATTGCTGTTCTGCTGGG CCAGGGAGAGTTCTGCTGTTTGAGAAGATGGAAGAAAAGGATTTTACCCTGAGAGCAGA GAAATCAGGATTCTGTGGACCCGACAGCAATGATCCAAGTCAGTCTGACAAACAGGAC GTTCTCTGCCTGTGCTTCAGCCCTCAGAGGAACTCTGGTTGCCAGCACCAGTAAGAAC CAACTCTACAGCATCACCATTGCTCCTGACAGAGATCAGCAAGGGGGAGCCTGCTCACTTT GAGTATTTGATGTATCCATTGCACTCAGCACCCATCACCAGTCTAGCTACCTGCATCCGC AAACCCCTTATAGCCACCTGTTCTCTGGATCGATCCATCCGCTTTGGAATTATGAAACA AACACCTGGAATATTTAAGGAATACCAAGAAGAGGCATATTCCATCAGCCTTCATCCA TCTGGACACTTCATTGTAGTAGGGTTTGCTGACAACTACGCCTCATGAATCTACTCATT GATGATATACGTTCTTTCAAAGAATACTCTGTTAGAGGATGCGGAGAGTGTTCTTTAGC AATGGAGTCACTGTTTGTGCTGAGTCAATGGAATGTGATTACGTTTACACCACCAG AGCCTAGAGAACATCTCAAGCCTGAAAGGACACACAGGGAAGATTCGCTCAATTGTGTG AATGCAGATGATAGCAAACTGATTTCTGGTGGCACAGATGGTGTGTGTGAATGGAAT CTGTCCACAGGAAAGAGAGAGACAGAATGCGTGCTCAAGTCTTGAGCTACAACCTGTGT ACTGTCTCCCCGATGCCAAAATTATCTTTGCTGTTGGATCAGACCACACCTCAAGGAG ATTGCAGATTCTTGATCCTTCGAGAGATATCGGCGTTTGATGTACCTACACCGCCATT GTCATCTCGCATTCTGGACGCATGATGTTTGTGGGCACCTCGGTGGGAACCATTCGTGCC ATGAAGTACCCTCTGCCTCTGCAGAAGGAATTCATGAGTACCAGGCCATGCGCGTCT ATCACCAAGGTGAGCAGGGCCCTCTCCCAGGAACCCAGTCCCACACCTGCCTGTACGT GCCTTGTTTCATCCCTTCAACCTCCCAATGTCTTTCTCTCTCTCTCTCTCTCTATTTA TTCATCCATCATTCAATGAATCACCATCTATTGACTATGAATATACTCTTTGTTAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001167965
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:	<u>NM_001167965.1, NP_001161437.1</u>
RefSeq Size:	3034 bp
RefSeq ORF:	2097 bp
Locus ID:	149465
UniProt ID:	<u>Q96MR6</u>
Cytogenetics:	1p34.2
Gene Summary:	This protein encoded by this gene belongs to the WD repeat-containing family of proteins, which function in the formation of protein-protein complexes in a variety of biological pathways. This family member is thought to function in craniofacial development, possibly in the fusion of lip and palate. A missense mutation in this gene is associated with Van der Woude syndrome 2. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (3) differs in both UTRs and lacks several exons in the 3' coding region, but includes an alternate 3' exon, compared to variant 5. The resulting isoform (b, also known as WDR65b) has a shorter and distinct C-terminus, compared to isoform a. Both variants 1 and 3 encode isoform b. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.