

Product datasheet for **SC317535**

WDR45L (WDR45B) (NM_019613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR45L (WDR45B) (NM_019613) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR45B
Synonyms:	NEDSBAS; WDR45L; WIPI-3; WIPI3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317535 representing NM_019613. Blue=Insert sequence Red=Cloning site Green=Tag(s)

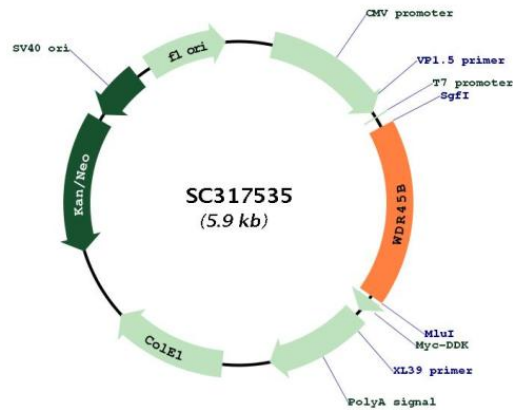
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGAACCTCCTGCCGTGTAAACCTCACGGCAACGGGCTGCTCTACGCCGGCTTCAACCAGGACCACGGA
TGCTTTGCGTGTGGGATGGAAAAATGGATTCCGAGTCTATAACACTGATCCACTAAAAGAAAAAGAGAAA
CAAGAATTTCTAGAAGGAGGAGTTGGCCATGTTGAAATGTTATTTGCTGCAACTATTTAGCTTTAGTT
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GAGGGTGTCTGAGCTGCATTGCACTCAACCTGCAGGGAACAAGAATTGCAACTGCATCCGAGAAAGGG
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GCCAATATTTACTGCATCAACTCAATCAGGATGCGTCCCTCATCTGCGTATCCAGCGACCACGGCACA
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GCCTTTGGAACAGAGCCAAACGCCGTCATTGCAATTTGTGCAGACGGCAGCTACTACAAATTCCTGTTC
AACCCAAAGGGGAGTGATCCGAGATGCTACGCGCAGTTTCTAGAGATGACCGATGACAAGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_019613

Insert Size: 1035 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: 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: [NM_019613.3](#)

RefSeq Size: 2596 bp

RefSeq ORF: 1035 bp

Locus ID: 56270

UniProt ID: [Q5MNZ6](#)

Cytogenetics: 17q25.3

Domains: WD40

MW: 38.1 kDa

Gene Summary: This gene encodes a member of the WIPI or SVP1 family of WD40 repeat-containing proteins. The protein contains seven WD40 repeats that are thought to fold into a beta-propeller structure that mediates protein-protein interactions, and a conserved motif for interaction with phospholipids. The human genome contains several pseudogenes of this gene. [provided by RefSeq, Jul 2008]