

Product datasheet for **RC225808**

WDSUB1 (NM_001128212) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	WDSUB1
Synonyms:	UBOX6; WDSAM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence: >RC225808 representing NM_001128212
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAACTGATTACACATTAGCTGATCATGGTGACGATGTCAACTGCTGTGCCTTCTCCTTTCC
 TCTTGCTACTTGCTCCTTGGACAAAACAATTCGCCTGTACTCGTTACGTGACTTTACTGAACTGCCACA
 TTCTCCATTGAAGTTTCATACCTATGCTGTCCACTGCTGCTGTTTCTCCCTTCAGGACATATTTTGGCA
 TCGTGTTCAACAGATGGTACCCTGTCTTATGGAATACTGAAATGGACAGATGCTGGCAGTGATGGAAC
 AGCCTAGTGGCAGCCCTGTGAGGGTTTCCAGTTTCCCCAGACTCCACGTGTTTGGCATCAGGGGCAGC
 TGATGGAACGTGGTGTGTTTGTGGAATGCACAGTCATACAAATTATATAGATGTGGTAGTGTAAAGATGGC
 TCCTTGGCGCATGTGCATTTTCTCTAATGGAAGCTTCTTGTCACTGGCTCCTCATGTGGTGATTAA
 CAGTGTGGGATGATAAAATGAGGTGTCTGCATAGTGAAAAGCACATGATCTTGAATTACCTGCTGCGA
 TTTTCTTTCACAGCCAGTTTCTGATGGAGAACAAAGGTCTTCAGTTTTTTCGACTGGCATCATGTGGTCAG
 GATTGCCAAGTCAAAATTTGATTGTTTCTTTTACCCATATCTTAGGTTTTGAATTAATAAAAGTA
 CACTGAGTGGGCACTGTGCTCCTGTTCTGGCTTGTGCTTTTCCCATGATGGGCAGATGCTAGTCTCAGG
 GTCAGTGGATAAGTCTGTCAATAGTATATGATACTAATACTGAGAATATACTTCACACATTGACTCAGCAC
 ACCAGGTATGTCACACTTGTGCTTTTGCACCTAATACCTTTTACTTGCTACTGGTTCAATGGACAAAA
 CAGTGAACATCTGGCAATTTGACCTGGAAACACTTTGCCAAGCAAGGCGCACAGAACATCAGCTGAAGCA
 ATTTACCGAAGATTGGTCAGAGGAGGATGTCTCAACATGGCTTTGTGCACAAGATTTAAAGATCTTGTT
 GGTATTTTCAAGATGAATAACATTGATGGAAAAGAACTGTTGAATCTTACAAAAGAAAGTCTGGCTGATG
 ATTTGAAAATGAATCTCTAGGACTGCGTAGTAAAGTCTGAGGAAAATTGAAGAGCTCAGGACCAAGGT
 TAAATCCCTTTCTTCAGGAATTCCTGATGAATTTATATGTCCAATAACTAGAGAACTTATGAAAGATCCG
 GTCATCGCATCAGATGGCTATTCATATGAAAAGGAAGCAATGGAATTTGGATCAGCAAAAAGAAACGTA
 CAAGTCCCATGACAAATCTTGTCTTCTCAGCGGTACTTACACCAAATAGGACTCTGAAAATGGCCAT
 CAATAGATGGCTGGAGACACACCAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225808 representing NM_001128212
 Red=Cloning site Green=Tags(s)

MVKLIHTLADHGDDVNCCAFSFSLLATCSLDKTIIRLYSLRDFTELPHSPLKFHTYAVHCCCFSPSGHILA
 SCSTDGTTVLWNTENGQMLAVMEQPSGSPVRVCQFSPDSTCLASGAADGTVVWNAQSYKLYRCGSVKDG
 SLAACAFSPNGSFFVTGSSCGDLTVWDDKMRCLHSEKAHDLGITCCDFSSQPVSDGEQGLQFRLASCGQ
 DCQVKIWIWVSFTHILGFELKYKSTLSGHCAPVLACAFSHDGQMLVSGSVDKSVIVYDNTNENILHTLTQH
 TRYVTTCAFPNTLLLATGSMCKTVNIWQFDLETLCQARRTEHQLKQFTEWSEEDVSTWLCAQDLKDLV
 GIFKMNNIDGKELLNLTKESLADDLKIESLGLRSKVLRIEELRTKVKSLSGIPDEFICPITRELMKDP
 VIASDGYSYEKAMENWISKKKRTSPMTNLVLPASVLTNPRTLKMAINRWLETHQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6598_h12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001128212

ORF Size: 1428 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

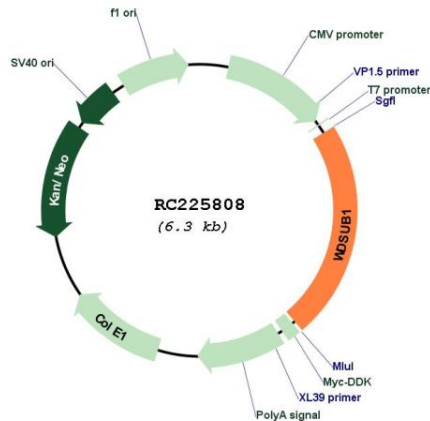
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001128212.3](#)

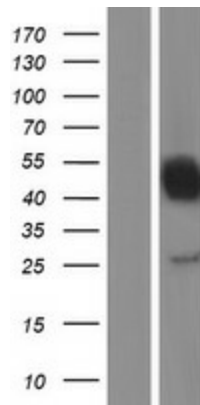
RefSeq ORF: 1431 bp

Locus ID: 151525
UniProt ID: [Q8N9V3](#)
Cytogenetics: 2q24.2
Protein Families: Druggable Genome
MW: 52.7 kDa

Product images:



Circular map for RC225808



Western blot validation of overexpression lysate (Cat# [LY426927]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC225809] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).