

Product datasheet for MR205445

Wdr92 (NM_178909) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr92 (NM_178909) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr92
Synonyms:	A1553587; HZGJ
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205445 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACCTTCGAGAAGCCTCAGATCATTGTCCACATTCAAAAGGGCCTCAACTACACAGTGTTGACAG
GCAATGGGTGCCCTGCAGTGCCAAATTCGTGACGATGGGCAACTTTGCCCGGGCACCAGCGTTATCCA
GGTGTACGAGATCCAGCGCGGGGACCTCAAGCTGCTGCGGGAGATTGAAAAGGCCAAGCCATTAATGT
GGAACATTTGGTCCGCATCTCTGCAGCAGAGATTCCTAGCTACTGGAGATTTTGGTGGAAATCTTCATA
TATGGAACCTGGAAGCTCCAGAGATGCCAGTGTATTCTGTAAGGGCCACAAAGAAATCATAAATACCAT
AGATGGTGTAGGTGGACTTGAATTGGGAAGGAGCCCTGAAATCGTGACGGGCAGCCGTGATGGAAC
GTAAAGGTGTGGGACCCAAGGCAAAAAGAGGATCCTGTCGCTAACATGGAACCTGCAAGGAGAAAAACA
AGAGAGACTGTTGGACCGTGGCATTGGCAATGCTTATAATCAAGAAGAAGTGTGTGTGTGGCTA
TGACAAATGGGACATCAAGCTGTTGACCTCAGGAACATGTCAGTGGGTGGGAGACAAACATTAATAA
GGGATATGCAGCTTGAATTTGACAGAAAGGACATCAGTATGAATAAGTTGGTAGCTACATCTCTAGAAG
GGAAGTCCACGTCTTCGACATGAGAACACAGCATCCTACCAAGGGCTTTGCTTCTGTTACAGAAAAGGC
CCATAAATCCACTGTATGGCAAGTCCGGCACCTGCCTCAAACAGGGAGATCTTTCTGACAACGGGAGGC
GCTGGGAGTCTTACCTCTGGAAGTATGAATACCAACTCAGCGGTCAAAGAAAGATTCCGAGGGCTTGG
AGATGGGAGTCGAGGTTCCGTCAGCCTTCTGCAGAACGTGACCGTGTCTACTCAGCCCATCTCCAGTTT
GGACTGGAGTCTGACAAAAGGGGGCTCTGCGTCTGTAGTTCATTGACCAGATGGTGCCTGTGCTGATA
GTTACAAAGCTCCAGACCATT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205445 protein sequence
 Red=Cloning site Green=Tags(s)

MSTFEKQPQIIVHIQKGLNYTVFDSKWVPCSAKFVTMGNFARGTGVIQVVEIQRGDLKLLREIEKAKPIKC
 GTFGAASLQQRFLATGDFGGNLHIWNLEAPEMPVYSVKGHKEIINTIDGVGGLGIGEGAPEIVTGSRDGT
 VKVWDPRQKEDPVANMEPAQGENKRDWCWTVAFGNAYNQEERVVCCAGYDNGDIKLFDLRNMSLRWETNIKN
 GVCSELEFDRKDISMNKL VATSLEGGKFHVDMRTQHPTKGFASVTEKAHKSTVWQVRHLPQNREIFLTTGG
 AGSLHLWKYEYPTQRSKKDSEGLEMGVAGSVLLQNVTVSTQPISSLDWSFDPKRGLCVCSFDDQMVRLI
 VTKLQTI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_178909

ORF Size: 1074 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.

RefSeq: [NM_178909.4](#), [NP_849240.1](#)

RefSeq Size: 3431 bp

RefSeq ORF: 1074 bp

Locus ID: 103784

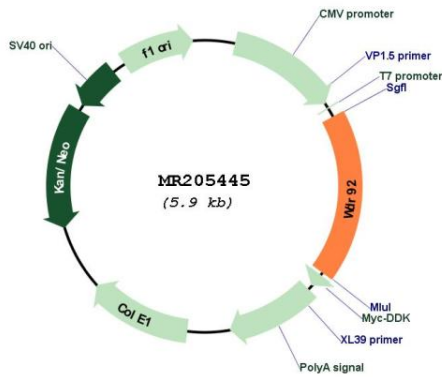
UniProt ID: [Q8BGF3](#)

Cytogenetics: 11 A2

MW: 39.8 kDa

Gene Summary: Seems to act as a modulator of apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205445