

Product datasheet for **MR230237**

Wdr37 (NM_001039388) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr37 (NM_001039388) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr37
Synonyms:	3110035P10Rik; 4933417A01Rik; 6430603N07; AI481191; mKIAA0982
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230237 representing NM_001039388
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACAGAAAGCGGAAGTTGTTCAACTGCTCGCCAAGCAAAACAAAAGCGCAAGTCTCATAGCCTTT
 CTATACGAAGAATAACAGCTCAGAACAAGAGAGGACTGGACTGCCAAGAGAAATGTTAGAAGGACAAGA
 TTCTAAATGCCGTCCTCAGTTCGCAGTACACTGCTGGAATTGTTTGGCCAGATAGAAAGAGAATTTGAA
 AATCTTTACATCGAAAATTAGAATTGCGCAGAGAAAATTGATACTCTTAATGAACGTTTAGCTGGTGAAG
 GACAAGCGATCGATGGGGCAGAATTGAGTAAGGGCCAACCAAAACAAAAGCCAGTCACAGTACCAGTCA
 GCTTTCTCAGAAGCTTAAGACCACCTACAAGGCTTCCACCAGCAAGATTGTTTCCAGCTTAAAGATTACC
 ACATCCAGGGCCATCTGTAGCTTGTGAAGGAGTATATTGGCCACAGGGATGGCATCTGGGATGTCAGTG
 TTACAAGGACACAGCCTATTGTTCTTGGACAGCATCTGCTGATCACACGGCTTTGTTGGGAGCATAGA
 GACTGGCAAATGCTTGTCAAGTACGCTGGCCATGTGGGCTCAGTAAATCTATAAAAATCCATCCCTCA
 GAGCAGTTGGCTCTTACTGCTTCTGGAGATCAGACTGCTCATATCTGGAGATACGTGGTACAGCTTCCAA
 CACCTCAGCCTGTTGCCGACACTAGTCAACAAATTTCTGGTGAAGATGAATAGAATGCTCTGATAAAGA
 TGAGCCTGACATTGATGGAGACGTGCCAGTACTGCTCCTACTGTCCGAGTCCCAGTACATCTCTCAA
 AGCCACCAGGGTGTGGTTATTGCTGCTGACTGGCTGGTTGGTGGGAAACAAGTGGTACAGCCTCATGGG
 ACAGAAGTCCAACTGTATGATGTGGAGACATCTGAACGTTTCCTGACAGGGCATGACCAGGA
 GTTAACACATTGTTGCACTACCCACCCAGCGGCTCGTGGTACCTCCTCCCGTACACAACTTCCGT
 CTCTGGGATTTACAGGACCCCTCCATCCACTCCGTGAATGTTTCCAAGGACACACGGACTGTGACCT
 CTGCTGTGTTCACTGTGGGAGACAACGTCGTTTCAGGCAGTATGACCGCACAGTAAAAGTCTGGGATTT
 AAAAAATAGAGATCTCCAATTGCGACAATTCTGACAGACTCTGCCATTAAATAGGATCAATGTGTGTGTT
 GGCAAAAAATCATAGCCCTCCCCATGACAACCGGAAGTGCATTGTTTATGATGTCGGGAGTGAAGC
 TAGCACGGCTTCCCGGAGCAGCCGACAGGGTACAGACGAATGGTGTGCTGCTCAGCGTGGAGTGAAGA
 CCACCCCATATGCAATCTATTTACTGTGGTTTCGATAGGCAAGCTATTGGGTGGAACATCAATATCTCT
 GCACTGTTACAAGAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230237 representing NM_001039388
 Red=Cloning site Green=Tags(s)

MPTESGSCSTARQAKQKRKSHLSIRRTNSSEQERTGLPREMLEGQD SKLPSSVRSTLLELFGQIEREFE
 NLYIENLELRREIDTLNERLAGEGQAIDGAELSKGQLKTKASHSTSQLSQKLKTTYKASTSKIVSSFKIT
 TSRAICQLVKEYIGHRDGIWDVSVTRTQPIVLGTASADHTALLWSIETGKCLVKYAGHVGVSNSIKFHPS
 EQLALASGDQTAHIWRVYVQLPTQPVADTSQQISGEDEIECSKDEPDIDGDVSSDCPTVRVPLTSLK
 SHQGVVIAADWL VGGKQVVTASWDRANLYDVETSELVHSLTGHQELTHCCTHPTQRLVVTSSRDITFR
 LWDFRDPSTIHSVNVFQGHDTVTSAVFTVGDNVVSGSDDRTVKVWDLKNMRSPAIARTDSAINRINVCV
 GQKIIALPHDNRQVRLFDMSGVRLARLPRSSRQGHRRMVCCSAWSEDHPICNLFTCGFDRQAIGWNINIP
 ALLQEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001039388

ORF Size: 1488 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_001039388.1](#), [NM_001039388.2](#), [NP_001034477.1](#)

RefSeq Size: 4634 bp

RefSeq ORF: 1491 bp

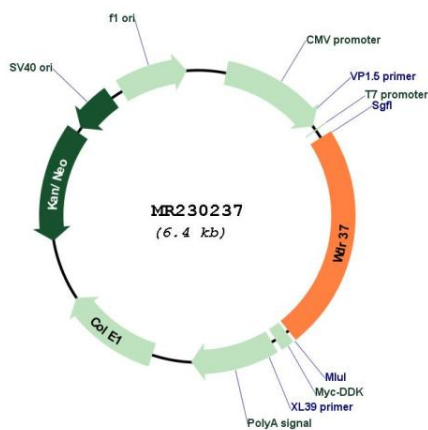
Locus ID: 207615

UniProt ID: Q8CBE3

Cytogenetics: 13 A1

MW: 55.1 kDa

Product images:



Circular map for MR230237