

Product datasheet for **MR207968**

Wdr37 (NM_172445) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr37 (NM_172445) 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)



[View online »](#)

ORF Nucleotide Sequence:

>MR207968 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACAGAAAGCGGAAGTTGTTCAACTGCTCGCCAAGCAAAACAAAAGCGCAAGTCTCATAGCCTTT
 CTATACGAAGAATAACAGCTCAGAACAAGAGAGGACTGGACTGCCAAGAGAAATGTTAGAGGACAAGA
 TTCTAAACTGCCGTCCTCAGTTCGCAGTACACTGCTGGAATTGTTTGGCCAGATAGAAAGAGAATTTGAA
 AATCTTTACATCGAAAATTAGAATTGCGCAGAGAAAATTGATACTCTTAATGAACGTTTAGCTGGTGAAG
 GACAAGCGATCGATGGGGCAGAATTGAGTAAGGGCCAACCAAAACAAAAGCCAGTCACAGTACCAGTCA
 GCTTTCTCAGAAGCTTAAGACCACCTACAAGGCTTCCACCAGCAAGATTGTTTCCAGCTTAAAGATTACC
 ACATCCAGGGCCATCTGTAGCTTGTGAAGGAGTATATTGGCCACAGGGATGGCATCTGGGATGTCAGTG
 TTACAAGGACACAGCCTATTGTTCTTGGACAGCATCTGCTGATCACACGGCTTTGTTGGGAGCATAGA
 GACTGGCAAATGCTTGTCAAGTACGCTGGCCATGTGGGCTCAGTAAATCTATAAAATCCATCCCTCA
 GAGCAGTTGGCTCTTACTGCTTCTGGAGATCAGACTGCTCATATCTGGAGATACGTGGTACAGCTTCCAA
 CACCTCAGCCTGTTGCCGACACTAGTCAACAAATTTCTGGTGAAGATGAATAGAAATGCTCTGATAAAGA
 TGAGCCTGACATTGATGGAGACGTGCCAGTACTGCTCCTACTGTCCGAGTCCCAGTACATCTCTCAA
 AGCCACCAGGGTGTGGTTATTGCTGCTGACTGGCTGGTGGTGGGAAACAAGTGGTACAGCCTCATGGG
 ACAGAAGTCCAACTGTATGATGTGGAGACATCTGAACGTTTCCTGACAGGGCATGACCAGGA
 GTTAACACATTGTTGCACTACCCACCCAGCGGCTCGTGGTACCTCCTCCCGTACACAACTTCCGT
 CTCTGGGATTTAGGGACCCCTCCATCCACTCCGTGAATGTTTCCAAGGACACACGGACTGTGACCT
 CTGCTGTGTTCACTGTGGGAGACAACGCTGTTTTCAGGCAGTATGACCGCACAGTAAAAGTCTGGGATTT
 AAAAAATAGAGATCTCCAATTGCGACAATTCGTACAGACTCTGCCATTAAATAGGATCAATGTGTGTGTT
 GGCAAAAAATCATAGCCCTCCCCATGACAACCGGAAGTGCATTGTTTATGATGTCGGGAGTGAAGC
 TAGCACGGCTTCCCGGAGCAGCCGACAGGGTACAGACGAATGGTGTGCTGCTCAGCGTGGAGTGAAGA
 CCACCCCATATGCAATCTATTTACTGTGGTTCGATAGGCAAGCTATTGGGTGGAACATCAATATTCT
 GCACTGTTACAAGAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207968 protein sequence
 Red=Cloning site Green=Tags(s)

MPTESGSCSTARQAKQKRKSHLSIRRTNSSEQERTGLPREMLEGQD SKLPSSVRSTLLELFGQIEREFE
 NLYIENLELRREIDTLNERLAGEGQAIDGAELSKGQLKTKASHSTSQLSQKLKTTYKASTSKIVSSFKIT
 TSRAICQLVKEYIGHRDGIWDVSVTRTQPIVLGTASADHTALLWSIETGKCLVKYAGHVGVSNSIKFHPS
 EQLALASGDQTAHIWRVYVQLPTPQPVADTSQQISGEDEIECSKDEPDIDGDVSSDCPTVRVPLTSLK
 SHQGVVIAADWL VGGKQVVTASWDRTANLYDVETSELVHSLTGHQELTHCCTHPTQRLVVTSSRDITFR
 LWDFRDPISHSVNVFQGHDTVTSAVFTVGDVNVSGSDDRTVKVWDLKNMRSPAIARTDSAINRINVCV
 GQKIIALPHDNRQVRLFDMGVLRLARLPRSSRQGHRRMVCCSAWSEDHPICNLFCTGFDRAIGWNINIP
 ALLQEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_172445

ORF Size: 1491 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_172445.1](#), [NM_172445.2](#), [NM_172445.3](#), [NP_766033.1](#)

RefSeq Size: 4555 bp

RefSeq ORF: 1491 bp

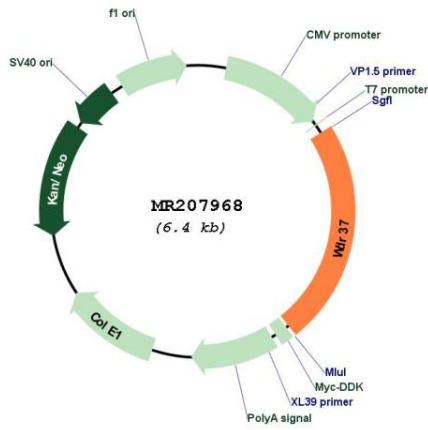
Locus ID: 207615

UniProt ID: [Q8CBE3](#)

Cytogenetics: 13 A1

MW: 55.1 kDa

Product images:



Circular map for MR207968