

Product datasheet for **MR227332**

Wdr36 (NM_001110016) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr36 (NM_001110016) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr36
Synonyms:	5730444A13Rik; Ta-wdrp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR227332 representing NM_001110016
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGAGATGGAGAGCGCTGTGGAAGGCCGCACGGCCAGCGTGTCTCGCGGGTCCGGCCCTTGG
 GGCTGTTCCAGCAACGAGGTTCCACACGTGGTCCGTACAGCGCGCTCAAGCGCCGTTCTACGTGACGAC
 TTGCGTGGGCAAGAGCTTCCACACATATGACGTTCAAGAACTTAGTCTGGTTGCAGTAAGTAACTCTGTT
 CCACAGGATATCTGTTGCATGGCAGCCGATGGGAGGCTAGTCTTCGCTGCATATGGGAACGTTTTCTCTG
 CATTGGCCGGAATAAGAGATAGTACATACTTTAAGGGCCATAAGGCAGAAATACATCTTTTGAACCC
 CTTTGGGGATCACGTTATCTCAGTGGATACTGACAGCGTCTTATTATTGGCACATTTATTCAGAAGAA
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 TGAATAAAGTCTACTGGCAGTGAGCAGGGAAGCCTACAGTTATGGAATATAAAGTCCAATAAGCTTCT
 ATATACATTTCCAGGGTGGAAAGTTGGAGTGACAGCTCTCAACAGGCACCAGCTGTGGATGTTGTTGCC
 ATTTGGTCTTGTGCTGGTCAAGTTGTCATTACACAACATTAAGTATGATGAAACATTAATGAAGTCCATC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227332 representing NM_001110016
 Red=Cloning site Green=Tags(s)

MAEMESAVEGRTASVLFAGFRALGLFSNEVPHVVRYSALKRRFYVTTTCVGGKSFHTYDVQKLSLVAVSNSV
 PQDICCMAADGRLVFAAYGNVFSAFARNKEIVHTFKGHKAEIHLLQPGDHVISVDTDSVLIWHIYSEE
 EYLQLTFDKSVFKISTILHPSTYLNKVLGSEQSLQLWNIKSNKLLYTFPGWKVGTALQQAPAVDVVA
 IGLVSGQVVIHNIKYDETLMKFHQDWGPITSISFRTDGHPIAAGSPCGHIGLWDLEDKKLINQMRNAHS
 TAISGLTFLHREPLLVTNGADNALRIWIFDGPAGEGRLLRFRMGHSASLTKIRYYGQNGQQILSASQDGT
 LQSFSTVHEKFNKSLGHGLVNKKIVKRKGLQNTMSVRLPPITQFAAEEARQSDWDGIIACHQGKRSCSTW
 NYQRSTIGAYFLKPRGVKTNLNTATAVDITSCGNFAIIGLSSGAVDVYMQSGIHRGNFGDDKAHTGSV
 RGVAVDGLNQLVVTAGSERLLKFWNFKSKVLIHSLGLDSSPNMMLLHRDSGILGLAMDDFSIAVLDIETR
 KIVREFSGHHGQINDMTFSPDGRWLISAAMDCSVRTWDLPSGCLIDCFLLD SAPLNVTMSPTGDFLATSH
 VDHLGIYLSNISLVSYSVSLRPLPPDYVPSIVMLPGTCQTOGMEDLEEKTEPSDEMIYESPEQLSEQLV
 TLLSLPESRWKLLNLDVIKKKNPKPEPKVPQSAPFFIPTVPLVPRFVPEPSSDPQSQKVVNLGILA
 QKSNFYLKLEELLNNQYEAALNLLKELGPSGIETELRNLSPDDGGSVEVMRSFLSMIGMMLDRKRFEL
 AQAYLALFLKLHLRTPSEPALLEELVKLSSQKLCSTRELKTT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

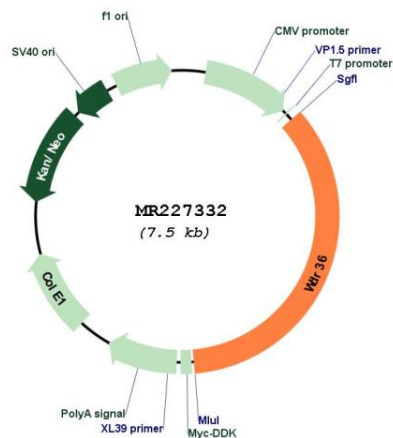
Sgfl-MluI

Cloning Scheme:



ACCN:	NM_001110016
ORF Size:	2649 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:	<ol style="list-style-type: none"> 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_001110016.1 , NP_001103486.1
RefSeq Size:	2942 bp
RefSeq ORF:	2652 bp
Locus ID:	225348
Cytogenetics:	18 B1
MW:	98.2 kDa

Product images:



Circular map for MR227332