

## Product datasheet for MR204944

### Wdr54 (NM\_023790) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr54 (NM_023790) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wdr54
Synonyms:	1700030E05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204944 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTCCGCCGCGAGCGCTCCATCCCCTTCGTAGCTCTGCCGCCCTGTCTAACACCTCAGTGTAC  
TGCAGCTGCCAGCCCGTATCTCACGATTTGGGGTGGTTCATGGACCGAGCGCCAGCTTCTCAGTGC  
TGCCCTGAGGGTGTGCCCTGGCCAGCGCCAGCTCCACGTTAAAGAGGGTGTGGAGTGAAGTCCCCA  
CTTATCACTCAGGTTCACTGGTGTCTCCCTTCAGAGTACTGCTGGTCTCACCTCGCATCGAGGGA  
TACAGATGTATGAGTCTGATGGCTCCGTCATGGTTTATTGGCACGCTTGGACTCAGGCGATGCTTCTTC  
AGTACAGGCTATGTTGCCCGAGGAATTGCTGCCAGCGTCCACTTCATCTGTGTGGGAACGTGTTCCGGT  
CGAGTACTGGTCTTTGATATCCCCGCTAAGGGTCCCAACATTGTAAGTACTCAGCGAGGAACTGGCTGGGCACC  
AGACACCAATCACAGATATTGCCACTGAGCGTGCCAGGGGACAGGATGGTGTGCTGACATGGTGACAGC  
AGATGACTCGGGTGTCTGTGTCTGGAGGTCGGGACCTGAGTTCACCTTACTGACCCGAATACCAGGA  
TTCGGGGTCCCATGCCCTCTGTGACGCTGTGGCAGGGGATCGTGGCAGCAGGGTATGAAATGGGCAAG  
TGCCCTGTATGATGCCAGCACAGGGGCCCTCCACGTCCAGATCAGTGCCACGCCCGGACCATCTCTGC  
CCTGGACCTCGCTCCAGAGGTGGCAAGCTACTGTCTGCAGCTGAGGACACCTTTGTGCACATCTGGAAG  
CTGAACAGAAACCCAGAAAGTGGCTCTATTGAGGTGGAACACTGCCATGGTGAATGATTTCTGACACCC  
AGGTGTGTGGTGTCTGGTCTGTGATCCATTGGGCAGCTCCTTTGCTGTGACAGGTTATGACCTGGCTGA  
GATCCTGAGATTTGGCACTGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_023790.2](#)

**RefSeq Size:** 1267 bp

**RefSeq ORF:** 1005 bp

**Locus ID:** 75659

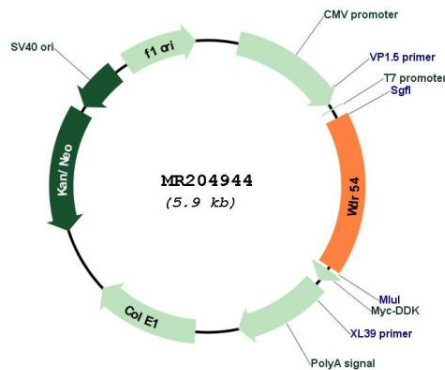
**UniProt ID:** [Q9R0D8](#)

**Cytogenetics:** 6 C3

**MW:** 35.6 kDa

**Gene Summary:** When cross-linked to form dimers and trimers, it has a regulatory effect on ERK signaling pathway activity in response to EGF stimulation. Colocalizes with the EGF receptor in WDR54-specific vesicle where it sustains the internalization and controls the degradation of the EGF receptor after EGF stimulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR204944