

Product datasheet for MC202462

Wdr54 (NM_023790) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wdr54 (NM_023790) Mouse Untagged Clone
Tag: Tag Free
Symbol: Wdr54
Synonyms: 1700030E05Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC083332 sequence for NM_023790
GGCGCGGATTTGGAGGGACCTTAGGATCGCGCGTCAGGTAGCTAAGCTGTGGGAAGAAGAGCTGGAGA
CCACATTCTGCATTTTAGCTGAGACGTTCCGTAAGCAGAGTGTCCGCGCGAGCGCTCCATCCCACT
TCGTAGCTCTGCCGCGCCCTGTCTAACAACTCAGTGTACTGCAGCTGCCAGCCGTGATCTCAGCAT
TTTGGGGTGGTTCATGGACCGAGCGCCAGCTTCTCAGTGTGCCCTGAGGGTGTGCCCTTGGCCAGC
GCCAGCTCCACGTTAAAGAGGGTGTGGAGTGAGTCCCCACTTATCACTCAGGTTCACTGGTGTCTCT
CCCCTTCCAGAGTACTGCTGGTCCCTCACCTCGCATCGAGGGATACAGATGTATGAGTCTGATGGTCCGTC
ATGTTTTATTGGCAGCCTTGGACTCAGGCGATGCTTCTTTCAGTACAGGCTATGTTTCCCGAGGAATTG
CTGCCAGCGTCCACTTCATCTGTGTGGAACTGTTCCGGTCGAGTACTGGTCTTTGATATCCCCGCTAA
GGGTCCCAACATTGTACTCAGCGAGGAAGTGGCTGGGCACCAGACCAATCACAGATATTGCCACTGAG
CGTGCCAGGGCAGGATGGTGTGCTGACATGGTGACAGCAGATGACTCGGGTGTCTGTGTGTCTGGA
GGTCCGGGACCTGAGTTCACCTTACTGACCCGAATACCAGGATTCGGGGTCCCATGCCCTCTGTGCAGCT
GTGGCAGGGGATCGTGGCAGCAGGGTATGGAAATGGGCAAGTGCCTGTATGATGCCAGCACAGGGGCC
CTCCACGTCCAGATCAGTGGCCACGCCCCGACCATCTCTGCCCTGGACCTCGCTCCAGAGGTCGGCAAGC
TACTGTCTGCAGCTGAGGACACCTTTGTGCACATCTGGAAGCTGAACAGAAACCCAGAAAGTGGCTCTAT
TGAGGTGGAACACTGCCATGGTGAATGTATTTCTGACACCCAGGTGTGTGGTGTCTCGGTTCTGTGATCCA
TTGGGCAGCTCCTTTGCTGTGACAGGTTATGACCTGGCTGAGATCCTGAGATTTGGCACTGTCTGAGAGA
GGAGCAGCCTTCCCGTCTCCCTTGGTATTTATAAAGTATTTCCCCCATCAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_023790
Insert Size: 1005 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>BC083332</u> , <u>AAH83332</u>
RefSeq Size:	1206 bp
RefSeq ORF:	1005 bp
Locus ID:	75659
UniProt ID:	<u>Q9R0D8</u>
Cytogenetics:	6 C3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1 and 2 both encode the same isoform (a).</p>