

Product datasheet for MC210913

Wdfy1 (NM_00111279) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdfy1 (NM_00111279) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdfy1
Synonyms:	1700013B03Rik; 1700120F24Rik; FENS-1; Jr1; mKIAA1435; WDF1; ZFYVE17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210913 representing NM_00111279 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCGGAGATCCACTCCAGGCCTCAGAGCAGCCGCCGGTCTGCTGAGCAAGATAGAGGGCCACC
AGGACGCCGTACCGCCGCGTCTCATCCCAAGGAGGACGGCGTGATCACCGCTAGCGAGGACAGAAC
CATCCGAGTATGGCTGAAAAGAGACAGCGGCCAGTACTGGCCAGCATCTACCACACAATGGCTCCCT
TGCTCTGCATGGCATAACCACGACAGCAGGGGATATTTGTGGCCAGGATAATGGGCTGTGATGG
AATTTACGTTTTCTGAAGATTTAATAAAATGAATTTTATCAAGACCTATCCAGCCACCAGAACC
GTCTGCTATCATCTTCAGCCTGGCTGCCGAGTGGGTGATCAGCACTGGCCACGACAAGTGTGTGAGCTGG
ATGTGCACGCGCAGCGGAATATGCTTGGCCGCCACTTCTCTCGTCTGGGCTTCTGTTTGCAGTATG
ATCTGGCACTCAGCAGCCTTTGTTGGCGATTACTCGGGACAGATCACCTGCTGAAGCTGGAGCAGAA
CACTTGTTCAGTTATCACGACCTCAAGGGACATGAAGGTAGCATCGCCTGCCTTTGGTGGGACCCTATC
CAACGGTTACTCTTCTCGGGAGCATCCGACAACAGCGTCATCATGTGGGACATCGGGGACGAAAGGCC
GGCACTCCTCCTCAAGGCCACCATGACAGAGTGCAGTCACTGTGCTACCTGCAGCTCACGAGGACGCT
CGTCTCCTGCTCGGCAGATGGTGGCATTGCAGTGTGGAACATGGATGTTAGCAGAGAAGAGGCTCCTCAG
TGTTAGAAAGCGACTCCTGTGAGAAGTGTGAGCAGCCCTTCTTCTGGAATATAAAACAGATGTGGGACA
CAAAGACCTGGGCTTGAGGACGATCACTGCAGGAAGTGTGGCAGGCGCTGTGTGGAAAGTGCAGCAG
CAAGCGGTCCAGTTACCCCGTCATGGGTTTTGAGTTCCAGGTTCCAGTTTGTGATTCTGTTACGACTCC
ATCAAAGATGAGGACCGACTTCTCTAGCAACATTTTCATGAAGGAAAACATAACATTTCCATATGTCCA
TGGACATTGCAAGGGGACTGATGGTGACCTGTGGGACAGATCGTGTGTGAAGATATGGGATATGACTCC
TGTGGTGGGCTGCAGCCTGGCACTGGATTTTCTCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja3132_a02.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001111279
Insert Size:	1233 bp
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:	NM_001111279.1 , NP_001104749.1
RefSeq Size:	4566 bp
RefSeq ORF:	1233 bp
Locus ID:	69368
UniProt ID:	E9Q4P1
Cytogenetics:	1 C4
Gene Summary:	<p>Positively regulates TLR3- and TLR4-mediated signaling pathways by bridging the interaction between TLR3 or TLR4 and TICAM1. Promotes TLR3/4 ligand-induced activation of transcription factors IRF3 and NF-kappa-B, as well as the production of IFN-beta and inflammatory cytokines (PubMed:25736436).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>