

Product datasheet for **MC216886**

Wipf1 (NM_153138) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wipf1 (NM_153138) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wipf1
Synonyms:	AI115543; D2Ertd120e; Waspip; WIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216886 representing NM_153138
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCTGTCCTCTCCCCACCAAGACACCCCAACCGCCACCAACATTTGCACTCGCTAACACTGAGAAGCCCA
CCTTGAACAAGACAGAGCAGGCTGGGAGGAATGCTCTTCTCTGTACATCAGCAAAGGGAAGAAGCTAAA
GAAGACGGTCACCAATGACAGAAGTGCCCAATATTGGACAAACCAAAGGGAGCCGGCGCCAGTGTGGT
GGCTATGGTGGAGGCGGCGGAGGTGGTGGTGGAGGAGGAGGAGGAGGAGGAGGCAGCGGTGGAAATTTTG
GAGGGGGTGGTCTCCAGGACTGGGAGGACTATTCCAGGCTGGAATGCCGAAGCTGAGGTCCACCGCCAA
CAGGGATAATGATTCTGGAGGAAGCCGACCACCGATTTTGCCACCGGGAGGAAGAGCCACATCTGCCAAG
CCCTTTTCAACCCCGAGATGGCCCGGGGAGGTTTCCCGCACCTCTCCCAGGCCACAGGAGTGGGCCCCCA
AGCCACCCAGGAACAAGATGCTCTCCCGGAGGCTGACGTGGGCTCAAACAGCATAAGCTTCCCCCTCC
GGTACCAAATACGCCAAGACTGTTCCGTGAGTCTGCACAACCGGGAGTCCCCAGCAGGGCTGGGAGCC
CCCAGGCCCCCTTTCCCGGAACCGAGGTGCTGCTTTTGAGCAGGGCTCTGCGCGCCAGAACCCCTCCG
GCTCTCTCTCCGTTTCTAGGCCCTTTGCCCCCAACCCAAAGCCGAGCCTTGGATGACAAGCCCC
TCCACCCTCTCTCCGTGGGCAACAGGCCCTCCATGCACAGAGAAGCGGTGCCCTCTCCCCCTCACAG
ACCAGCAAACCTCCAGTGCCTTCAACCCCGCGGCTGGGTTGGGTTGCGAGGCACCACTCTCTCCAC
CGCCAGCCGGCCAGGGCCCCCTCTCTGCCTCCAGCTTCCAACGACGAGATCCCAGGCTGCCACAGCG
GAACCTGTCCCTCACGTCTCTGCACCTCCATTGCCTTCACTGGACGCTCAGGGCTCTCCCTCCCCA
CCCAGCGAGAGGCCCTCTCTCTGTAAGGGATCCACCAGGCAGATCAGGCCCTCTCCACCACCCTC
CAATAAACAGAAATGGAAGCACAGCTCGGGCCTGCCTGCCACCCTCAGTTGCCATCCAGGAGTGGAA
GGACAGTCCCAGAAGTGGGCCTAGGCCTCTCTCTCTGACAGGCCTGGTGTGGGGCGCCGCCCA
CCCCACCCTCCACATCAGTTCGAAATGGCTTCAAGACTCATCGTGTGAAGATGAGTGGGAAAGCAGAT
TCTACTTCCATCCGATTTCTGACTTGCCGCTCCAGAGCCATACGTACCGACAACCAAGACGTATCCCA
CTAACTGGCCAGAAACGAAAGCCGAAGTGGATCCAACAGAAGAAAGGGGCGCCCCACCCCTTCTCTCC
ATCCCGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153138
Insert Size:	1482 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_153138.4, NP_694778.1</u>
RefSeq Size:	4481 bp
RefSeq ORF:	1482 bp
Locus ID:	215280
UniProt ID:	<u>Q8K1I7</u>
Cytogenetics:	2 43.68 cM
Gene Summary:	Plays a role in the reorganization of the actin cytoskeleton. Contributes with NCK1 and GRB2 in the recruitment and activation of WASL. May participate in regulating the subcellular localization of WASL, resulting in the disassembly of stress fibers in favor of filopodia formation (By similarity). Plays a role in the formation of cell ruffles.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1, 2 and 3 encode the same protein. Sequence Note:.