

Product datasheet for **MR207913**

Wipf1 (NM_153138) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide
Sequence:

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>MR207913 representing NM_153138
Red=Cloning site Blue=ORF Green=Tags(s)
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TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGTCCTCCCTCCCCACGACACCCCAACGCCCAACCAATTTCGACTCGTAACACTGAGAAGCCCA
CCTTGAACAAGACAGAGCAGGCTGGGAGGAATGCTCTTCTCTGACATCAGCAAAGGGAAGAAGCTAAA
GAAGACGGTACCAATGACAGAAGTGCCCAATATTGGACAAACCAAAGGGAGCCGGCGCCAGTGCTGGT
GGCTATGGTGGAGGCGGCGGAGGTGGTGGTGGAGGAGGAGGAGGAGGAGGAGGCAGCGGTGGAATTTTG
GAGGGGGTGGTCTCCAGGACTGGGAGGACTATTCCAGGCTGGAATGCCGAAGCTGAGGTCCACCGCCAA
CAGGGATAATGATTCTGGAGGAAGCCGACCACCGATTTTGCCACCGGGAGGAAGAGCCACATCTGCCAAG
CCCTTTTACCCCCGAGTGGCCCGGGGAGGTTTCCCGCACCTCCCCAGGCCACAGGAGTGGGCCCCCAG
AGCCACCCAGGAACAGAATGCTCCCCCGAGGCTGACGTGGGCTCAAACCCAGATAGCCTTCCCCCTCC
GGTACCAAATACGCCAAGCTGTTTCGTGAGTCTGCACAACCGGGGATCCCCAGAGGGCTGGGAGCC
CCAGGCCCCCTTTACCGGGAAACCGAGTGCTGCTTTTGAGACAGGCTCTGCGCGCCAGAACCCTCCG
GCTCCTCCTCTCCGTTTCTAGGCCCTTTGCCCCCAACCCAAAGCGAGCCTTGGATGACAAGCCCC
TCCACCACCTCCTCCCGTGGGCAACAGGCCCTCCATGCACAGAGAAGCGGTGCCCCCTCCCCCTCACAG
ACCAGCAAACCTCCAGTGCCTTCCACCCCGCGGCTGGGTTGGGTTGCGAGGCACCACTCCTCCTCCAG
CGCCAGCGCGGCCAGGGCCCCCTCCTCTGCCTCCAGCTTCCAACGACGAGATCCCAGGCTGCCACAGCG
GAACCTGTCCCTCACGTCTCTGCACCTCCATTGCCTTCACTGGACGCTCAGGGCTCTCCCTCCCCCA
CCCAGCGAGAGGCCCTCCTCCTGTAAGGGATCCACCAGGCAGATCAGGCCCCCTCCACCACCACCTC
CAATAAACAGAAATGGAAGCACAGCTCGGGCCCTGCCTGCCACCCCTCAGTTGCCATCCAGGAGTGGAA
GGACAGTCCCAGAAGTGGGCCTAGGCCTCCTCTTCTCCTGACAGGCCTGGTGTGGGGCGCCGCCCCCA
CCCCACCCTCCACATCAGTTGGAATGGCTTCAAGACTCATCGTGTGAAGATGAGTGGGAAAGCAGAT
TCTACTTCCATCCGATTTCTGACTTGCCGCTCCAGAGCCATACGTACCGACAACCAAGACGTATCCAG
CAACTTGGCCAGAAACGAAAGCCGAAGTGATCCAACAGAAGAGAAAGGGGCGCCCAACCCCTTCTCCC
ATCCCGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207913 representing NM_153138
Red=Cloning site Green=Tags(s)

MPVPPPPAPPPPTFALANTEKPTLNKTEQAGRALLSDISKGKKLKKTVTNDRSAPILDKPKGAGASAG
GYGGGGGGGGGGGGGGSGNFGGGGPPGLGGLFQAGMPKLRSTANRDNDSGSRPPIPPGGRATSAG
PFSPPSGPGRFPAPSPGHRSGPPEPPNRMPPRPDVSGKPDLSPPVPNTPRVPSSLHNRGSPAGLGA
PRPPFPNGRAAFGAGSARQNSGSSSPFRPPLPPTPSRALDDKPPPPPPVGNRPSMHREAVPPPPSQ
TSKPPVPSTPRPGLGSQAPPPPPPSRGPPLPPASNDIEPRLPQRNLSLTSSAPPLSPGRSGPLPPP
PSERPPPPVRDPPGRSGPLPPPPINRNGSTARALPATPQLPSRSGMDSRSGRPPPLPPDRPGAGAPP
PPPSTSVRNGFQDSSCEDEWESRFYFHPISDLPPPEPYVPTTKTYPSKLARNESRSGSNRRERGAPPLPP
IPR

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9045_c09.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_153138

ORF Size: 1479 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:

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: [NM_153138.4](#), [NP_694778.1](#)

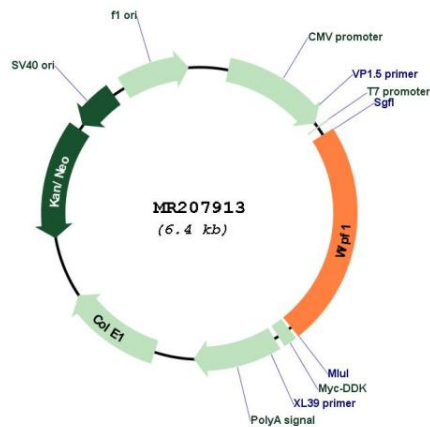
RefSeq Size: 4481 bp

RefSeq ORF: 1482 bp

Locus ID: 215280

UniProt ID:	Q8K1I7
Cytogenetics:	2 43.68 cM
MW:	50.5 kDa
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]

Product images:



Circular map for MR207913