

Product datasheet for **MG207913**

Wipf1 (NM_153138) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wipf1 (NM_153138) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Wipf1
Synonyms:	AI115543; D2Ertd120e; Waspip; WIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207913 representing NM_153138
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGTCCTCCCTCCCCACGACACCCCAACGCCCAACAAATTTCGACTCGTAACACTGAGAAGCCCA
CCTTGAACAAGACAGAGCAGGCTGGGAGGAATGCTCTTCTCTGACATCAGCAAAGGGAAGAAGCTAA
GAAGACGGTACCAATGACAGAAGTGCCCAATATTGGACAACCAAAGGGAGCCGGCGCCAGTGCTGGT
GGCTATGGTGGAGGCGGCGGAGGTGGTGGTGGAGGAGGAGGAGGAGGAGGAGGCAGCGGTGAAAATTTT
GAGGGGGTGGTCTCCAGGACTGGGAGGACTATTCCAGGCTGGAATGCCGAAGCTGAGGTCCACCGCCAA
CAGGGATAATGATTCTGGAGGAAGCCGACCACCGATTTTGCCACCGGGAGGAAGAGCCACATCTGCCAAG
CCCTTTTACCCCCGAGTGGCCCGGGGAGGTTTCCCGCACCCCTCCCCAGGCCACAGGAGTGGGCCCCCA
AGCCACCCAGGAACAGAATGCCTCCCCGAGGCGCTGACGTGGGCTCAAAACCCAGATAGCCTTCCCCTCC
GGTACCAAATACGCCAAGCACTGTTCCGTGCGATGTCACAAACGGGGATCCCCAGAGGGCTGGGAGCC
CCGAGGCCCCCTTTTCCCGGGAACCGAGTGCTGCTTTTGAGACGAGCTCTGCGCGCCAGAACCCCTCCG
GCTCCTCCTCTCCGTTTCTAGGCCCTTTGCCCCCCACCCCAAGCCGAGCCTTGGATGACAAGCCCC
TCCACCACCTCCTCCCGTGGGCAACAGGCCCTCCATGCACAGAGAAGCGGTGCCCCCTCCCCCTCACAG
ACCAGCAAACCTCCAGTGCCTTCCACCCCGCGGCTGGGTTGGGTTGCGAGGCACCACCTCCTCCTCCAC
CGCCAGCGCGGCCAGGGCCCCCTCCTCTGCCTCCAGCTTCCAACGACGAGATCCCCAGGCTGCCACAGCG
GAACCTGTCCCTCACGTCTCTGCACCTCCATTGCCTTACCTGGACGCTCAGGGCTCTCCCTCCCCCA
CCCAGCGAGAGGCCCTCCTCCTGTAAGGGATCCACCAGGCAGATCAGGCCCTTCCCACCACCACTC
CAATAAACAGAAATGGAAGCACAGCTCGGGCCCTGCCTGCCACCCCTCAGTTGCCATCCAGGAGTGAAT
GGACAGTCCCAGAAGTGGGCCTAGGCCTCCTCTTCTCCTGACAGGCCTGGTGTGGGGCGCCGCCCCCA
CCCCACCCTCCACATCAGTTCGAAATGGCTTCCAAGACTCATCGTGTGAAGATGAGTGGGAAAGCAGAT
TCTACTTCCATCCGATTTCTGACTTGCCGCTCCAGAGCCATACGTACCGACAACCAAGACGTATCCCA
CAACTGGCCAGAAACGAAAGCCGAAGTGATCCAACAGAAGAGAAAGGGGCGCCCCACCCCTTCTCC
ATCCCGAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207913 representing NM_153138
Red=Cloning site Green=Tags(s)

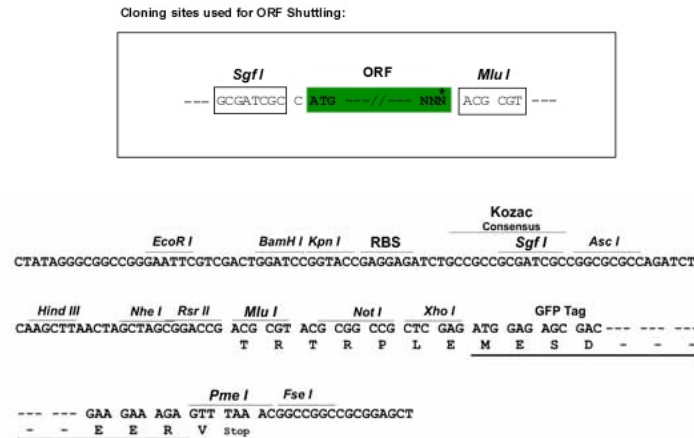
MPVPPPPAPPPPTFALANTEKPTLNKTEQAGRNALLSDISKGKKLKKTVTNDRSAPILDKPKGAGASAG
GYGGGGGGGGGGGGGGGGGGSGGNFGGGGPPGLGGLFQAGMPKLRSTANRDNDSGGSRPPIPPGGRATSAK
PFSPSPGPRFPAPSPGHRSGPPEPPNRMPPPRPDVGSKPDSLPPVPNTPRPVPSSLHNRGSPAGLGA
PRPPFPGNRGAAFAGSARQNPSSGSSPFPRPLPPTPSRALDKPPPPPPVGNRPSMHREAVPPPPSQ
TSKPPVPSTPRPLGSQAPPPPPPSRPGPPPLPPASNDIEIPLRQPQRLSLTSSAPPLSPGRSGPLPPP
PSPRPPPPVDRPPGRSGPLPPPPINRNGSTARALPATPQLPSRSGMDSRSGRPPPLPPDRPGAGAPP
PPSTSVRNGFQDSCEDEWESRFYFHPISDLPPPEYVPTTKTYP SKLARNESRSGSNRRERGA PLPP
TPR

TRTRPLE - GFP Tag - V

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](#)

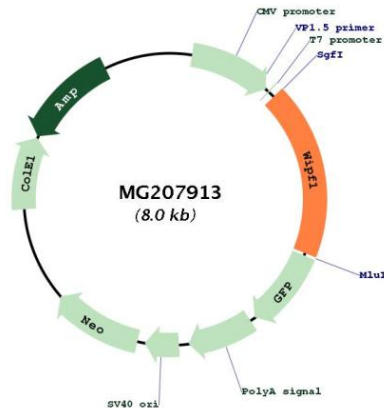
RefSeq Size: 4397 bp

RefSeq ORF: 1482 bp

Locus ID: 215280

UniProt ID:	Q8K1I7
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]

Product images:



Circular map for MG207913