

Product datasheet for **MC228007**

Wipf1 (NM_001289723) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wipf1 (NM_001289723) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wipf1
Synonyms:	A1115543; D2Ertd120e; Waspip; WIP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228007 representing NM_001289723
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGTCCCTCCCCACCAGCACCCACCACCACCAACATTTGCACTCGCTAACACTGAGAAGCCCA
 CCTTGAACAAGACAGCAGCAGGCTGGGAGGAATGCTCTTCTCTGACATCAGCAAAGGGAAGCTAAA
 GAAGACGGTCACCAATGACAGAAGTGCCCAATATTGGACAAACCAAAGGAGCCGGCGCCAGTGTGGT
 GGCTATGGTGGAGGCGCGGAGGTGGTGGTGGAGGAGGAGGAGGAGGAGGCAGCGGTGGAAATTTG
 GAGGGGTGGTCTCCAGGACTGGGAGGACTATTCAGGCTGGAATGCCGAAGCTGAGGTCCACCGCCAA
 CAGGGATAATGATTCTGGAGGAAGCCGACCACCGATTTTCCACCGGGAGGAAGCCACATCTGCCAAG
 CCCTTTTACCCCGAGTGGCCCGGGAGGTTCCCGCACCTCCCAGGCCACAGGAGTGGGCCCCAG
 AGCCACCAGGAACAGAATGCCTCCCCGAGGCCTGACGTGGGCTCAAACCCAGATAGCCTTCCCCTCC
 GGTACCAATACGCCAAGACCTGTTCCGTGAGTCTGCACAACCGGGGATCCCCAGCAGGCTGGGAGCC
 CCCAGGCCCCCTTTCCCGGAACCGAGGTGCTGCTTTTGGAGCAGGCTCTGCGCGCCAGAACCCCTCCG
 GCTCCTCCTCTCCGTTTCTAGGCCCTTTGCCCCCAACCCGAGCCTTGGATGACAAGCCCCC
 TCCACCACCTCCTCCCGTGGGCAACAGGCCCTCCATGCACAGAGAAGCGGTGCCCCCTCCCCCTCACAG
 ACCAGCAAACCTCCAGTGCCTTCCACCCCGCGGCTGGGTTGGGTTGCGAGGCACCACCTCCTCCTCCAC
 CGCCAGCCGGCCAGGGCCCCCTCCTCTGCCTCCAGCTTCCAACGACGAGATCCCAGGCTGCCACAGCG
 GAACTGTCCCTCAGTCTCTGCACCTCCATTGCCTTCCACCTGGACGCTCAGGGCTCTCCCTCCCCCA
 CCCAGCGAGAGGCCCTCCTCCTGTAAAGGATCCACCAGGCAGATCAGGCCCTCCCACCACCACCTC
 CAATAAACAGAAATGGAAGCACAGCTCGGGCCCTGCCTGCCACCCTCAGTTGCCATCCAGGAGTGAAT
 GGACAGTCCCAGAAGTGGGCTAGGCCTCCTTCTCCTGACAGGCCTGGTGTGGGGCGCCGCCCCCA
 CCCCCACCTCCACATCAGTTTCAAATGGCTTCCAAGACTCATCGTGTGAAGATGAGTGGAAAGCAGAT
 TCTACTTCCATCCGATTTCTGACTTGCCGCTCCAGAGCCATACGTACCGACAACCAAGCGTATCCAG
 CAAACTGGCCAGAAACGAAAGCCGAAGTGGATCCAACAGAAGAGAAAGGGGCGCCCCACCCTTCTCCC
 ATCCCAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001289723
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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.

RefSeq: [NM_001289723.1](#), [NP_001276652.1](#)

RefSeq Size: 4451 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]
Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2 and 3 encode the same protein.