

## Product datasheet for **MC201682**

### Wasf3 (NM\_145155) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wasf3 (NM_145155) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wasf3
Synonyms:	Scar3; Wave3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC027038 sequence for NM\_145155  
 GCCCTGTGTTACCAGGGCCCTCAAGATCCAGGTGAAGGGTAAGCTACAGGTGGGGATCCGAGGGGTCTGC  
 AGATAGAGGAGGTACCCAGGCCCTTGGTTACCCACCTTGAGGAGGAGGCCTGAGGATGCGCCGCCCTTC  
 TCCGCAACGCCCCGCCCCGACGCGCTACGCTGCCCTCTCCCGTTGGCTCTCCATTGGCCGACAGAGCTC  
 GCCAATCCAGCCCCCTGGCCGTGAAGGGGGCGTGGCCGCGGGTCCCGGGCCGGGGCCGCTGTGTCG  
 CGCTGCGCGCTGCGGTGCGGGCGGCAGGACGATGAAGCCGGGAGCGCGCGCGCTCTGATCCCGCTTGCT  
 GTTCCACTGACACCTGAGCCCGGTGGCGATGCTGCTGAGGCCCTTCCAGCCACGAGTCAACCTACTT  
 GATTGTCAGCCATGCCTTTAGTGAAGAGAAACATCGAACCCCGGCACCTGTGCCGGGGCGCCCTGCCGGA  
 AGGAGTACCAGTGAGCTGGAATGCGTGACCAACAGCACGCTCGTGAATCATCCGCCAGCTGAGCAGT  
 CTGAGTAAACATGCAGAAGACATATTTGGTGAGTTATTTAATGAGGCTAACAACTTCTACATCAGAGCAA  
 ATTCCTTCAAGACAGAATCGATCGGCTTGTGTCAAAGTCAACCAGCTGGACTCCACGGTGGAGGAGGT  
 CTCCTACAGGATATCAACATGAAGAAAGCATTCAAAGCTCTACCATCAAGACCAGCAGGTGGTCTCC  
 AAGAACAGCATTCCCAACCCTGTTGCTGACATTTATAATCAGAGTGACAAACCCCGCCGCTGAGCATT  
 TGACACCGTACAGAGATGACAAGAAGGATGGGCTGAAGTTCTACACGGATCCCTTACTTCTTTGACCT  
 CTGAAAGAAAAGATGCTGCAGGACACAGAAGACAAGAGGAAAGAGAAACGACGTGAGAAGAAACAAAAG  
 CGTGTAGATGGCACCCAGAGGTTGAAAAGGTTAGAAAAGCCAGAAACAGGCCAGGAGTGAATA  
 TGATGGCGTATGACAAGGAGCTTAGGCCGACAACAGGTTGTCTCAGAGTGTGCACCACGGAGCATCCTC  
 CGAGGGATCTCTGTCCCCAGATACTAGGTCTCACACATCCGATGTACCAGTATTCTTATCCTGTACT  
 CCCAACCATGCTTGAAGCACAGCCGCGACACCCTCTACACAGCTGGCGATGCACCACTGCATGGGA  
 CCACAAACCAAGGCGCTGAGCACGAGTACCGACCGTCTGTGCCTCGGCAAGGCACATGGCCCTGAACAG  
 ACCTCAGCAGCCACCGCCACCGCCTCTCCCCAGGCGCGGAGGGGTCCCAGGCCCTACGTGAGTGGCT  
 CCAGCCGACTATGGGATGCTTCCAGCACAGATAATTGAATACTACAGCCCTCAGGACCGCCACCCACCTC  
 CCCCTCACCCATGATTCCTCAGCACAACTGCCTTCTGTCAGCCCTCTCCAGATGCCACACAGCCCCC  
 GTTCCCTGCCTCAGCTGTCTCCACATACCCCACTCTCTCCTCACCAGCCCTCCACTGGGCTCTGGCCACA  
 GCACCACCACCCAGGTCACCCACCTCTCCACTGGTCTCTGCCCCCTCTCCCTATCATGTCCTCC  
 CAATGCATGGTCCCCTGTGGCTGAGGCAAAGCGCCAGAGCCTGCACAGCCACCATAAGTGTGCGAG  
 AAGTGACCTCTGGCTGCCATCCGGATGGGAATCCAAGTAAAAAGGTGCAGGAGCAACGCGAGCAGGAA  
 GCCAAGCGGGAGCCTGTCGGGAATGACGTGGCCACCATCTGTCTAGACGATTGCTGTGGAGTACAGCG  
 ACTCAGACGACGACTCTGAGTTTGTGAGAATGACTGGTCTGACTGAGGCACAAGGGCCAGGCGACCAGT  
 GGACAGCCAGGGCCCATATGCAAGTGTGTTAGGAGCTCTGTGCTCTGCACCCTCACAGTGGTATTT  
 CCCTGTAGCTTTAGTCCCTTTTGTATTAACAGTGTGATTTGCTTCTGCACATCCTTCTGGATTTGTTGAG  
 TATTTACTGTGTAATACTTAAGTGCCACAGAACACAGCACACCGTGTGCACACCAGGAACTCGCAGTA  
 TTAGTGCATCACCTGGAACAGCATCTTGTCCCTCTCAGCCGTGAGAGTCCCCCTCTCCTGTCCATCCT  
 GATTTGGTGGGCTTGCCACGTATCTGCGCAGCTGCCCCACGTGAGCTCTCTGCAAGATCACTGGCTGTGT  
 GTCTCAGTGTGCTTCCAACAGTGGGTGATACGTTTTCTGTTTCTCCCTTTGCAAATTGAATTCCA  
 GGTAGATATGGTTGTAGAGGGGAAAGTTAACAATCAGAATGAAATGTTGTCTGTTTGCACACTGGGC  
 CTGGTGGCCTCCAAGGAAATGTGTACGATCGTTTGTCTTCTATCTTGGCGCTTGAACCGAGAGCGGC  
 CATTTTTATGAGGGGAGCCCTGTGGTACTCATGTGAAAAGTGCCCACTGACTTTGGCAGATGGAGTTCA  
 CTTTTCATGGCTAGCCCTGATAGCGTTGGGCACCAAGTACCCAGGCCATGTTCAAGCTGCCTAGAGTCTGC  
 AGAGCTTGCATGGCAGAGCGGCCGC

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_145155

**Insert Size:** 1506 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC027038</a></u> , <u><a href="#">AAH27038</a></u>
<b>RefSeq Size:</b>	2685 bp
<b>RefSeq ORF:</b>	1506 bp
<b>Locus ID:</b>	245880
<b>UniProt ID:</b>	<u><a href="#">Q8VHI6</a></u>
<b>Cytogenetics:</b>	5 G3
<b>Gene Summary:</b>	Downstream effector molecules involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape (By similarity). [UniProtKB/Swiss-Prot Function]