

Product datasheet for **MC203173**

Washc3 (NM_026070) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Washc3 (NM_026070) Mouse Untagged Clone
Tag: Tag Free
Symbol: Washc3
Synonyms: 2900091E11Rik; 5730495F03Rik; Ccdc53
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC029256
CGGACCGTGGGTGAGCCCCGGGGTCCCCATCCGCTGAGGAGATGGATGAGGATGGGCTTCTCTCATGG
GGTCAGGCATAGACCTGACCAAGGTGCCAGCTATTCAACAGAAAAGAACCGTGGCCTTTCTAAACCAGTT
TGTGGTGACACTGTGCAGTTTCTCAACCGTTTTCCGCAGTTTGTGAGGAGAACTGGCAGACCTTTCT
CTCCGGATTTCAGCAAATTGAAACAACCTCTCAATATTTTAGATGCAAAGCTGTCATCTATCCAGGCCTAG
AGGACGTCACAGTTGAAGTGTCTCCTTTAAATGTCAGTGTGTCACAAACGGATCACATTCTGAAACCAC
TTCGGAGCAAACGCAGCAGAATAGCACACAAGACTCTGGAGCACAGGAGAGTGAAGCGCCATCAGAAAAT
GTCCTGACCGTAGCCAAGGATCCGCGGTATGCCAGATACCGCAAGATGGTTCAAGTGGGTGTTCCAGTGA
TGGCAATCAGAGACAAGATGATCTCAGAAGGACTGGACCCGGAGCTACTGGAGAAGCCAGATGCCCCGGT
GCCAAATGGCGAAAGCAAAGAGCCGTAGAAGAAAGTTTCAGATAGTGACTCTTCCTTCAGTGACTAAGGG
ACTGGGGGAATCACACAGAACGTGGAAGAATGTATTTACGTTCTAGAAAAGAGCCTACGCTCTATCTAGC
TCTCCGTGATAAACATCACCAAATGCTACTGCATACCTACCCCAACCTTTCTCTGTTAAAAATAATTAT
AATAATAAAGCATTATAATCTTTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026070

Insert Size: 585 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).



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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: [BC029256](#), [AAH29256](#)

RefSeq Size: 811 bp

RefSeq ORF: 585 bp

Locus ID: 67282

UniProt ID: [Q9CR27](#)

Cytogenetics: 10 C1

Gene Summary: Acts at least in part as component of the WASH core complex whose assembly at the surface of endosomes seems to inhibit WASH nucleation-promoting factor (NPF) activity in recruiting and activating the Arp2/3 complex to induce actin polymerization, and which is involved in regulation of the fission of tubules that serve as transport intermediates during endosome sorting.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).