

Recombinant Mouse Washc3 Protein, Myc/DDK-tagged

Cat. No. Washc3-6965M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse WASH complex subunit 3 (Washc3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a component of the WASH core complex that functions as a nucleation-promoting factor (NPF) at the surface of endosomes, where it recruits and activates the Arp2/3 complex to induce actin polymerization, playing a key role in the fission of tubules that serve as transport intermediates during endosome sortingg.
Molecular Mass	21.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Washc3 WASH complex subunit 3 [Mus musculus (house mouse)]
Official Symbol	Washc3
Synonyms	Washc3; WASH complex subunit 3; Ccdc53; 2900091E11Rik; 5730495F03Rik; WASH complex subunit 3; WASH complex subunit CCDC53; coiled-coil domain containing 53; coiled-coil domain-containing protein 53
Gene ID	67282
mRNA Refseq	NM_026070
Protein Refseq	NP_080346
UniProt ID	Q9CR27

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