

Recombinant Mouse Rusc1 Protein, Myc/DDK-tagged

Cat. No. Rusc1-5652M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RUN and SH3 domain containing 1 (Rusc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Putative signaling adapter which may play a role in neuronal differentiation. May be involved in regulation of NGF-dependent neurite outgrowth. Proposed to play a role in neuronal vesicular trafficking, specifically involving pre-synaptic membrane proteins. Seems to be involved in signaling pathways that are regulated by the prolonged activation of MAPK. Can regulate the polyubiquitination of IKBKG and thus may be involved in regulation of the NF-kappa-B pathway.
Molecular Mass	46.2 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Rusc1 RUN and SH3 domain containing 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Rusc1](#)

Synonyms RUSC1; RUN and SH3 domain containing 1; RUN and SH3 domain-containing protein 1; NESCA; AA408288; 2210403N08Rik

Gene ID [72296](#)

mRNA Refseq [NM_028188](#)

Protein Refseq [NP_082464](#)

UniProt ID [Q8BG26](#)

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