

Recombinant Mouse Nckipsd Protein, Myc/DDK-tagged

Cat. No. Nckipsd-4313M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NCK interacting protein with SH3 domain (Nckipsd), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo. In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42. May play an important role in the maintenance of sarcomere and/or in the assembly of myofibrils into sarcomeres. Implicated in regulation of actin polymerization and cell adhesion.
Molecular Mass	78.6 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	Nckipsd NCK interacting protein with SH3 domain [Mus musculus (house mouse)]
Official Symbol	Nckipsd
Synonyms	NCKIPSD; NCK interacting protein with SH3 domain; NCK-interacting protein with SH3 domain; VIP54; N-WASP-binding protein; SH3 adapter protein SPIN90; mDia interacting protein-1; 54 kDa VacA-interacting protein; 90 kDa N-WASP-interacting protein; WASP-interacting SH3-domain protein; 90 kDa SH3 protein interacting with Nck; Wiskott-Aldrich syndrome homolog binding protein; wiskott-Aldrich syndrome protein-binding protein WISH; DIP1; ORF1; WISH; Wasbp; AF3P21; SPIN90; WASLBP
Gene ID	80987
mRNA Refseq	NM_030729
Protein Refseq	NP_109654
UniProt ID	Q9ESJ4

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