

## Recombinant Mouse Nckipsd Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length NCK interacting protein with SH3 domain (Nckipsd), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	78.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	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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