

# Recombinant Human NCKIPSD Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NCKIPSD-6557H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

NCKIPSD MS Standard C13 and N15-labeled recombinant protein (NP\_909119) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

The protein encoded by this gene contains a nuclear localization signal. It plays a role in signal transduction, and may function in the maintenance of sarcomeres and in the assembly of myofibrils into sarcomeres. It also plays an important role in stress fiber formation. This protein is involved in the formation and maintenance of dendritic spines, and modulates synaptic activity in neurons. The gene is involved in therapy-related leukemia by a chromosomal translocation t(3;11)(p21;q23) that involves this gene and the myeloid/lymphoid leukemia gene. Alternative splicing results in multiple transcript variants of this gene.

### Molecular Mass

78.2 kDa

### AA Sequence

MYRALYAFRSAEPNALAFAAGETFLVLERSSAHWWLAARARSGETGYVPPAYLRRL  
 QGLEQDVLQAIDRAIEAVHNTAMRDGGKYSLEQRGVLQKLIHHRKETLSRRGSPAS  
 SVAVMTSSTSDHHLDAAAARQPNGVCRAQFERQHSLPSSEHLGADGGLYQIPPQP  
 RRAAPTPPPPVKRRDREALMASGSGGHNTMPSGGNSVSSGSSVSSTSLDTLYTS  
 SSPSEPGSSCSPTPPPVPRRGTHHTVSQVQPPPSKASAPEPPAEEEEVATGTTSASD

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DLEALGTLSLGTTEEKAAAEEAAVPRRTIGAELMELVRRNTGLSHELCRVAIGIIVGHIQA  
 SVPASSPVMEQVLLSLVEGKDLSMALPSGQVCHDQQRLEVIFADLARRKDDAQQRS  
 WALYEDEGVIRCYLEELLHILTDADPEVCKKMCKRNEFESVLALVAYYQMEHRASLR  
 LLLLKCFGAMCSLDAAIISTLVSSVLPVELARDMQTDTQDHQKLCYSALILAMVFSMG  
 EAVPYAHYEHLGTPFAQFLLNIVEDGLPLDTTEQLPDLVCVNNLLALNLHLPAADQNV  
 MAALSKHANVKIFSEKLLLLLNRGDDPVRIFKHEPQPPHSVLKFLQDVFGSPATAAIF  
 YHTDMMALIDITVRHIADLSPGDKLRMESLSLMHAIVRTTPYLQHRHRLPDLQAILRRI  
 LNEEETSPQCQMDRMIVREMCKEFLVLGEAPSSGPTRTRPLEQKLISEEDLAANDIL  
 DYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** NCKIPSD NCK interacting protein with SH3 domain [ Homo sapiens (human) ]

**Official Symbol** NCKIPSD

**Synonyms** NCKIPSD; NCK interacting protein with SH3 domain; NCK-interacting protein with SH3 domain; DIP-1; VIP54; dia interacting protein; dia-interacting protein 1; SH3 adapter protein SPIN90; 54 kDa VacA-interacting protein; 54 kDa vimentin-interacting protein; WASP-interacting SH3-domain protein; diaphanous protein interacting

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protein; diaphanous protein-interacting protein; 90 kDa SH3 protein interacting with Nck; SH3 protein interacting with Nck, 90 kDa; wiskott-Aldrich syndrome protein-interacting protein; DIP; DIP1; ORF1; WISH; AF3P21; SPIN90; WASLBP; MGC23891;

**Gene ID** [51517](#)

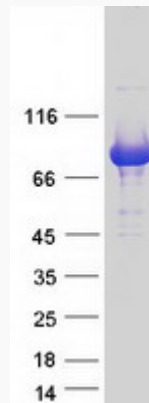
**mRNA Refseq** [NM\\_184231](#)

**Protein Refseq** [NP\\_909119](#)

**MIM** [606671](#)

**UniProt ID** [Q9NZQ3](#)

**SDS-PAGE**



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