

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 QGLEQDVLQAIDRAIEAVHNTAMRDGGKYSLEQRGVLQKLIHHRKETLSRRGPSAS SVAVMTSSTSDHHLDAAAARQPNGVCRAQFERQHSLPSSEHLGADGGLYQIPPQP RRAAPTTTPPPVKRRDREALMASGSGGHNTMPSGGNSVSSGSSVSSTSLDTLYTS SSPSEPGSSCSPTPPPVPRRGTHHTVSQVQPPPSKASAEPPAAEEEVATGTTSASD

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DLEALGTLSLGTTEEKAAAEAAVPRTIGAELMELVRRNTGLSHELCRVAIGIIVGHIQA
 SVPASSPVMEQVLLSLVEGKDLSPSGQVCHDQQRLEVIFADLARRKDDAQQRS
 WALYEDEGVIRCYLEELLHILTDADPEVCKKMCKRNEFESVLALVAYYQMEHRASLR
 LLLKCFGAMCSLDAAIISTLVSSVLPVELARDMQTDTQDHQKLCYSALILAMVFSMG
 EAVPYAHYEHLGTPFAQFLLNIVEDGLPLDTTEQLPDLVCNLLLALNLHLPAADQNVI
 MAALSKHANVKIFSEKLLLLLNRGDDPVRIKHEPQPPHSVLKFLQDVFGSPATAAIF
 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

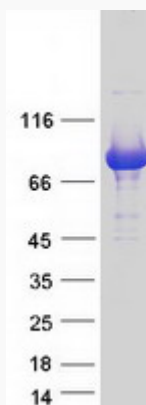
mRNA Refseq NM_184231

Protein Refseq NP_909119

MIM 606671

UniProt ID Q9NZQ3

SDS-PAGE



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