Recombinant Full Length Human NCKIPSD Protein, C-Flag-tagged

Cat. No. NCKIPSD-2182HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NCKIPSD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	Q9NZQ3
AA Sequence	MYRALYAFRSAEPNALAFAAGETFLVLERSSAHWWLAARARSGETGYVPPAYLRRL QGLEQDVLQAIDRA IEAVHNTAMRDGGKYSLEQRGVLQKLIHHRKETLSRRGPSAS SVAVMTSSTSDHHLDAAAARQPNGVCRA GFERQHSLPSSEHLGADGGLYQIPPQP RRAAPTTPPPPVKRRDREALMASGSGGHNTMPSGGNSVSSGSS VSSTSLDTLYTS

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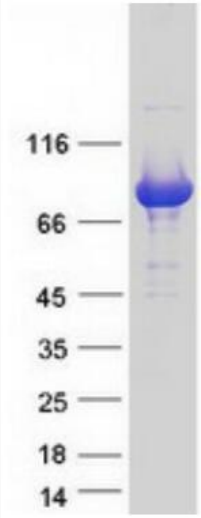
	SSPSEPGSSCSPTPPPVPRRGTHTTVSQVQPPPSKASAPEPPAEEEVATGTTSASD DL EALGTLSLGTTEEKAAAEAAVPRTIGAELMELVRRNTGLSHELCRVAIGIIVGHIQA SVPASSPVMEQVL LSLVEGKDLSMALPSGQVCHDQQRLEVIFADLARRKDDAQQR SWALYEDEGVIRCYLEELLHILTDADPE VCKKMCKRNEFESVLALVAYYQMEHRASL RLLLLKCFGAMCSLDAAIISTLVSSVLPVELARDMQTDTQD HQKLCYSALILAMVFSM GEAVPYAHYEHLGTPFAQFLLNIVEDGLPLDTTEQLPDLCVNLLLALNLHLPA ADQN VIMAALSKHANVKIFSEKLLLLLNRGDDPVRIFKHEPQPPHSVLKFLQDVFGSPATAAI FYHTDMM ALIDITVRHIADLSPGDKLRMESLSLMHAIVRTTPYLQHRHRLPDLQAILR RILNEEETSPQCQMDRMIV REMCKEFLVLGEAPS SGPTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

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

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Synonyms	DIP; DIP1; ORF1; WISH; VIP54; AF3P21; SPIN90; WASLBP
Gene ID	51517
mRNA Refseq	NM_184231.3
Protein Refseq	NP_909119.1
MIM	606671
UniProt ID	Q9NZQ3



Coomassie blue staining of purified NCKIPSD protein.

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