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Product datasheet for TP510218

Nckipsd (NM_030729) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NCK interacting protein with SH3 domain (Nckipsd), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210218 representing NM_030729 Red=Cloning site Green=Tags(s) MYRALYAFRSAEPNAMAFAAGETFLVLERSSTHWWLAARARSGETGYVPPAYLHRLQGMEQDVLQAIDR A IEAVHNTAMRDGGKYSLEQRGVLQKLIHHRKETLSRRGTSASSATVMTPSTSDHHLDAAVSRQPNGVCRT GFERQHSLPSSEHLGTDGALYQVPPQPRRAAPTTPPPPVKRRDREALVISGSGGRTAIPSGGSSVSSGSS ASSTSMDTLYTGSSPSELGPSCSPTPPPVPRRGAHTTVSQPQPSPSKAPSPEPPTEEVAAETNSTPDDLE AQDALSPETTEEKAAAETVVPRTIGAELMELVRRNTGLSHELCRVAIGVVVGHIQATVPASSPIMEQVLL SLVEGKDLSTALPSGQVCHDQQRLEVIFADLARRKDDAQQRSWALYEDEDVIRCYLEELLHILTDADPEV CKKMCKRSDFESVLALVAYYQMEHRASLRLLLLKCFGAMCSLDAAIISTLVSSVLPVELARDMQTDTQDH QKLCYSALVLAMVFSMGEAVPYAHYEHLGTPFAQFLLSIVEDGLPMDTTEQLPDLCMNLLLALNLHLTAP EQNVIMAALSRHTNVKIFSEKLLLLLNRGDDPVRIFRHEPQPPHSVLKFLQDVFSSSATAAIFYHTDMMA LIDITVRQIADLSPGDKLRMEYLSLMHAVVRSTPYLQHRHRLSDLQATLRRILTEEEASPQCQMDRMIVQ EMYKEFPDLGEVPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	78.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.

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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_109654
Locus ID:	80987
UniProt ID:	Q9ESJ4
RefSeq Size:	2870
Cytogenetics:	9 F2
RefSeq ORF:	2142
Synonyms:	AF3P21; DIP1; ORF1; SPIN90; Wasbp; WASLBP; WISH
Summary:	Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1) (By similarity). 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.[UniProtKB/Swiss-Prot Function]