

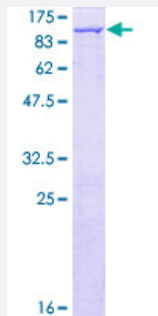
Full-Length

NCKIPSD (Human) Recombinant Protein (P01)

Catalog # H00051517-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NCKIPSD full-length ORF (NP_909119.1, 1 a.a. - 715 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MYRALYAFRSAEPNALAFAAGETFLVLERSSAHWWLAARARSGETGYVPPAYLRRLQGLEDVL
QAIDRAIEAVHNTAMRDGGKYSLEQRGVLQKLIHHRKETLSRRGPSASSVAVMTSSTSDHHLDA
AARQPNGVCRAQFERQHSLPSSEHLGADGGLYQIPPQPRRAPTTPPPVKRRDREALMASGS
GGHNTMPSGGNSVSSGSSVSSTSLDTLYTSSSPSEPGSSCPTPPPVPRRGTHHTVSQVQPPP
SKASAEPPAEEEVATGTTSASDDLEALGTLSTGTEEKAAAEAAVPRTIGAELMELVRRNTGLS
HELCRVAIGIIVGHIQASVPASSPVMEQVLLSLVEGKDLMSALPSGQVCHDQQRLEVIFADLARRK
DDAQQRSWALYEDEGVIRCYLEELLHILTDADPEVCKKMCKRNEFESVLALVAYYQMEHRASRL
LLLKCFGAMCSLDAAIISTLVSSVLPVELARDMQTDTQDHQKLCYSALILAMVFSMGEAVPYAHYE
HLGTPFAQFLLNIVEDGLPLDTTEQLPDLVCVNLALLALNLHLPAADQNVIMAALSKHANVKIFSEKLL
LLNLRGDDPVRIFKHEPQPPHSVLKFLQDVFGSPATAAIFYHTDMMALIDITVRHIADLSPGDKLRM
EYLSLMHAIVRTTPYLQHRHRLPDLQAILRRILNEEETSPQCQMDRMIVREMCKEFLVLGEAPS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

104.6

Interspecies Antigen Sequence

Mouse (89); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NCKIPSD

Entrez GeneID	51517
GeneBank Accession#	NM_184231.1
Protein Accession#	NP_909119.1
Gene Name	NCKIPSD
Gene Alias	AF3P21, DIP, DIP1, MGC23891, ORF1, SPIN90, WASLBP, WISH
Gene Description	NCK interacting protein with SH3 domain
Omim ID	606671
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is localized exclusively in the cell nucleus. 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. 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 occurs in this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

Other Designations

SH3 protein interacting with Nck, 90 kDa|dia interacting protein|diaphanous protein interacting protein
