

Datasheet for ABIN7555564

## NCKIPSD Protein (AA 1-722) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	NCKIPSD
Protein Characteristics:	AA 1-722
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NCKIPSD protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat NCKIPSD Protein expressed in mammalian cells.
Sequence:	<p>MYRALYAFRS AEPNALAFAA GETFLVLERS SAHWWLAARA RSGETGYVPP AYLRRLQGLE</p> <p>QDVLQAIDRA IEAVHNTAMR DGGKYSLEQR GVLQKLIHHR KETLSRRGPS ASSVAVMTSS</p> <p>TSDHHLDAAA ARQPNGVCRA GFERQHSLPS SEHLGADGGL YQIPLSSQI PPQPRRAAPT</p> <p>TPPPPVKRRD REALMASGSG GHNTMPSSGN SVSSGSSVSS TSLDTLYTSS SPSEPGSSCS</p> <p>PTPPVPVRRG THTTVSQVQP PPSKASAPPEP PAEEEVATGT TSASDDLEAL GTLSLGTTEE</p> <p>KAAAEAAVPR TIGAELMELV RRNTGLSHEL CRVAIGIIVG HIQASVPASS PVMEQVLLSL</p> <p>VEGKDLSMAL PSGQVCHDQQ RLEVIFADLA RRKDDAQRS WALYEDEGVI RCYLEELLHI</p> <p>LTDADPEVCK KMCKRNEFES VLALVAYYQM EHRASLRLLL LKCFGAMCSL DAAIISTLVS</p> <p>SVLPVELARD MQTDTQDHQK LCYSALILAM VFSMGEAVPY AHYEHLGTPF AQFLLNIVED</p> <p>GLPLDTTEQL PDLVCNLLLA LNLHLPAADQ NVIMAALSKH ANVKIFSEKL LLLLNRGDDP</p> <p>VRIFKHEPQP PHSVLKFLQD VFGSPATAAI FYHTDMMALI DITVRHIADL SPGDKLRMEY</p>

LSLMHAIVRT TPYLQHRHRL PDLQAILRRI LNEEETSPQC QMDRMIVREM CKEFLVLGEA PS

**Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	NCKIPSD
Alternative Name:	NCKIPSD ( <a href="#">NCKIPSD Products</a> )
Background:	<p>NCK-interacting protein with SH3 domain (54 kDa VacA-interacting protein) (54 kDa vimentin-interacting protein) (VIP54) (90 kDa SH3 protein interacting with Nck) (AF3p21) (Dia-interacting protein 1) (DIP-1) (Diaphanous protein-interacting protein) (SH3 adapter protein SPIN90) (WASP-interacting SH3-domain protein) (WISH) (Wiskott-Aldrich syndrome protein-interacting protein),FUNCTION: Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo (By similarity). In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 (By similarity). May play an important role in the maintenance of sarcomeres and/or in the assembly of myofibrils into sarcomeres. Implicated in regulation of actin polymerization and</p>

## Target Details

	cell adhesion. Plays a role in angiogenesis. {ECO:0000250, ECO:0000269 PubMed:22419821}.
Molecular Weight:	79.0 kDa
UniProt:	<a href="#">Q9NZQ3</a>
Pathways:	<a href="#">Protein targeting to Nucleus</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months