

Datasheet for ABIN7565062

NCKIPSD Protein (AA 1-714) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | NCKIPSD |
| Protein Characteristics: | AA 1-714 |
| Origin: | Mouse |
| 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

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| Purpose: | Custom-made recombinat Nckipsd Protein expressed in mammalien cells. |
| Sequence: | <p>MYRALYAFRS AEPNAMAFAA GETFLVLERS STHWWLAARA RSGETGYVPP AYLHRLQGME</p> <p>QDVLQAIDRA IEAVHNTAMR DGGKYSLEQR GVLQKLIHHR KETLSRRGTS ASSATVMTPS</p> <p>TSDHHLDAAV SRQPNGVCRT GFERQHSLPS SEHLGTDGAL YQVPPQPRRA APTTPPPPVK</p> <p>RRDREALVIS GSGGRTAIPS GGSSVSSGSS ASSTSMDTLY TGSSPSELGP SCSPTPPPVV</p> <p>RRGAHTTVSQ PQSPSKAPS PEPPTEEVAA ETNSTPDDLE AQDALSPETT EEKAAAETVV</p> <p>PRTIGAELME LVRRNTGLSH ELCRVAIGVV VGHIQATVPA SSPIMEQVLL SLVEGKDLST</p> <p>ALPSGQVCHD QQRLEVIFAD LARRKDDAQQ RSWALYEDD VIRCYLEELL HILTDADPEV</p> <p>CKKMCKRSDF ESVLALVAYY QMEHRASLRL LLLKCFGAMC SLDAAIISTL VSSVLPVELA</p> <p>RDMQTDQDH QKLCYSALVL AMVFSMGEAV PYAHYEHLGT PFAQFLLSIV EDGLPMDTTE</p> <p>QLPDLCMNLL LALNLHLTAP EQNVIMAALS RHTNVKIFSE KLLLLLNRGD DPVRIFRHEP</p> <p>QPPHSVLKFL QDVFSSSATA AIFYHTDMMA LIDITVRQIA DLSPGDKLRM EYLSLMHAVV</p> |

RSTPYLQHRH RLSDLQATLR RILTEEEASP QCQMDRMIVQ EMYKEFPDLG EVPS **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.**

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| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <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

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| Target: | NCKIPSD |
| Alternative Name: | Nckipsd (NCKIPSD Products) |
| Background: | <p>NCK-interacting protein with SH3 domain (54 kDa VacA-interacting protein) (VIP54) (90 kDa N-WASP-interacting protein) (90 kDa SH3 protein interacting with Nck) (SH3 adapter protein SPIN90) (WASP-interacting SH3-domain protein) (WISH) (Wiskott-Aldrich syndrome protein-binding protein) (N-WASP-binding protein),FUNCTION: 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. {ECO:0000250}.</p> |

Target Details

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| Molecular Weight: | 78.6 kDa |
| UniProt: | Q9ESJ4 |
| Pathways: | Protein targeting to Nucleus |

Application Details

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| 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

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| 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 |