

Product information



NCK2, 1-380aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2235

Full name: NCK adaptor protein 2

NCBI Accession No.: NP_003572

Synonyms: GRB4, NCKbeta

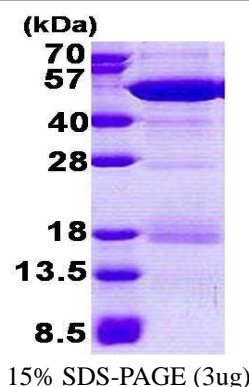
Description: NCK2 is a member of the NCK family of adaptor proteins. The protein contains three SH3 domains and one SH2 domain. The protein has no known catalytic function but has been shown to bind and recruit various proteins involved in the regulation of receptor protein tyrosine kinases. It is through these regulatory activities that this protein is believed to be involved in cytoskeletal reorganization. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Recombinant human NCK2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,
30% glycerol, 1mM DTT

Molecular Weight: 45.3 kDa (403aa) confirmed by MALDI-TOF

Purity: > 85% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMTTEEV I V IAKWDYTAQQ DQELDIKNE RLWLLDSDKT WWRVRNAANR TGYVPSNYVE RKNSLKKGSL
VKNLKDTLGL GKTRRKTSAR DASPTPSTDA EYPANGSGAD RIYDLNIPAF VKFAYVAERE DELSLVKGSR VTMKCSGD WWRGSYNGQI
GWFPSNYVLE EVDEAAAESP SFLSLRKGAS LSNQGQSRVL HVVQTLYPFS SVTEEEELNFE KGETMEVIEK PENDPEWKK KNARGQVGLV
PKNYVVVLSL GPALHPAHAP QISYTGPPSS GRFAGREWYY GNVTRHQAEC ALNERGVEGD FLIRDSESSP SDFSVSLKAS GKNKHFKVQL
VDNVYCIQQR RFHTMDELVE HYKKAPIFIS EHGEKLYLVR ALQ

General references:

Braverman L.E., *et al.* (1999) *J. Biol. Chem.* 274:5542-5549

Latreille M., *et al.* (2006) *J. Biol. Chem.* 281:26633-26644

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246

Fax: (763) 780-2988

Email: info@ibl-america.com

Web: www.ibl-america.com