

# Recombinant Human NCK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NCK2-5136H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	NCK2 MS Standard C13 and N15-labeled recombinant protein (NP_001004720) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes 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.
<b>Molecular Mass</b>	42.9 kDa
<b>AA Sequence</b>	MTEEVIVIAKWDYTAQQDQELDIKKNERLWLLDDSKTWWVRNAANRTGYVPSNYV ERKNSLKKGSLVKNLKDTLGLGKTRRKT SARDASPTPSTDAEYPANGSGADRIYDLN IPAFVKFAYVAEREDEL SLVKGSRVTVMEKCSDGWWRG SYNGQIGWFPSNYVLEE VDEAAAESPSFLSLRKGASLSNGQGS RVLHV VQTL YPFSSVTEEELNFEKGETMEVI EKPENDP EWWKCKNARGQVGLVPKNYVVLS DGPALHPAHAPQISYTG PSSSGRF AGREWYYGNVTRHQAECALNERGVEGDFLIRDSESSPSDFS VSLKASGKNKHFKV

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QLVDNVYCIGQRRFHTMDELVEHYKKAPIFTSEHGKLYLVRALQTRTRPLEQKLISE  
EDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** NCK2 NCK adaptor protein 2 [ Homo sapiens (human) ]

**Official Symbol** NCK2

**Synonyms** NCK2; NCK adaptor protein 2; cytoplasmic protein NCK2; NCKbeta; SH2/SH3 adaptor protein NCK-beta; growth factor receptor-bound protein 4; noncatalytic region of tyrosine kinase, beta; GRB4;

**Gene ID** 8440

**mRNA Refseq** NM\_001004720

**Protein Refseq** NP\_001004720

**MIM** 604930

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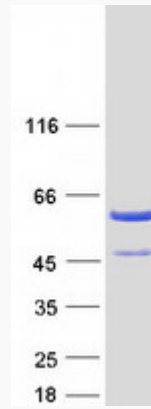
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UniProt ID

O43639

SDS-PAGE



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