

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

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

SPECIFICATION

Product Overview	NCK2 MS Standard C13 and N15-labeled recombinant protein (NP_001004720) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	42.9 kDa
AA Sequence	MTEEVIVIAKWDYTAQQDQELDIKKNERLWLLDDSKTWWVRNAANRTGYVPSNYV ERKNSLKKGSLVKNLKDTLGLGKTRRKTSARDASPTPSTDAEYPANGSGADRIYDLN IPAFVKFAYVAEREDELSLVKGSRVTVMEKCSGDGWWRGSYNGQIGWFPSNYVLEE VDEAAAESPSFLSLRKASLSNGQGSRLHVVTLYPFSSVTEELNFEKGETMEVI EKPENDEPWWKCKNARGQVGLVPKNYVVVLSGDPALHPAHAPQISYTGPPSSSGRF AGREWYYGNVTRHQAECALNERGVEGDFLIRDSESSPSDFSLSLKASGKNKHFKV

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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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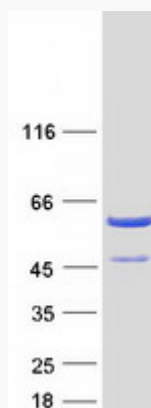
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UniProt ID

O43639

SDS-PAGE

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