

Recombinant Human NCK Adaptor Protein 1, His-tagged

Cat. No. NCK1-1473H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human NCK was expressed by baculovirus in <i>Sf9</i> insect cell/susing an N-terminal His tag. MW = 48 kDa.
Species	Human
Source	Sf9 Cells
Description	NCK (or non-catalytic region of tyrosine kinase adaptor protein 1 is an adaptor protein that is located in the cytoplasm and involved in transducing signals from receptor tyrosine kinases to downstream signal recipients such as RAS. NCK is a signaling and transforming protein that contains Src homology 2 and 3 (SH2 and SH3) domains. NCK functions by coupling tyrosine phosphorylation via SH2 domains to downstream effectors through SH3 domains. Furthermore, NCK couples tyrosine phosphorylation guidance signals to cytoskeletal events required for the ipsilateral projections of spinal cord neurons and for normal limb movement.
Sequence	Full-length.
Applications	Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	NCK1 NCK adaptor protein 1 [Homo sapiens]
Synonyms	NCK1; NCK adaptor protein 1; NCK; MGC12668; NCKalpha; NCK tyrosine kinase; melanoma NCK protein; SH2/SH3 adaptor protein NCK-alpha; non-catalytic region of tyrosine kinase; Nck-1; Cytoplasmic protein NCK1
Gene ID	4690
mRNA Refseq	NM_006153
Protein Refseq	NP_006144
MIM	600508
UniProt ID	P16333
Chromosome Location	3q21
Pathway	Axon guidance; ErbB signaling pathway; Pathogenic Escherichia coli infection; T cell receptor signaling pathway
Function	cytoskeletal adaptor activity; protein domain specific binding; receptor binding; receptor signaling complex scaffold activity

PDB rendering based
on 2ci8.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA