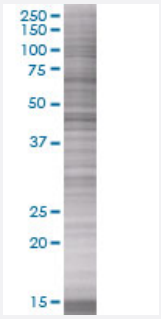
NCK2 293T Cell Transient Overexpression Lysate(Denatured)

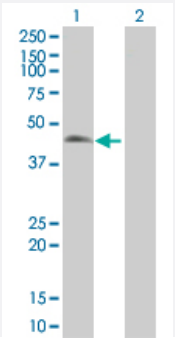
Catalog # H00008440-T01 Size 100 uL

Applications



SDS-PAGE Gel

NCK2 transfected lysate



Western Blot

Lane 1: NCK2 transfected lysate (42.9 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NCK2 full-length
Host	Human
Theoretical MW (kDa)	42.9
Interspecies Antigen Sequence	Mouse (96); Rat (96)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-NCK2 antibody (H00008440-B01) by Western Blots. SDS-PAGE Gel NCK2 transfected lysate Western Blot Lane 1: NCK2 transfected lysate (42.9 KDa). Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NCK2

Entrez GeneID	8440
GeneBank Accession#	NM_001004720
Protein Accession#	NP_001004720
Gene Name	NCK2
Gene Alias	GRB4, NCKbeta
Gene Description	NCK adaptor protein 2
Omim ID	604930
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	SH2/SH3 adaptor protein NCK-beta|noncatalytic region of tyrosine kinase, beta

Pathway

- Axon guidance
- ErbB signaling pathway
- Pathogenic Escherichia coli infection - EHEC
- T cell receptor signaling pathway

Disease

- Tobacco Use Disorder