

Product datasheet for **AR51059PU-N**

NCK2 (1-380, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NCK2 (1-380, His-tag) human protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMTTEEVIV IAKWDYTAQQ DQELDIKKNE RLWLLDDSKT WWRVRNAANR TGYVPSNYVE RKNLKKKGS LKLNKDTLGL GKTRRKT SAR DASPTPSTDA EYPANGSGAD RIYDLNIPAF VKFAYVAERE DELSLVKGS RVTMMEKCS DG WWRGSYNGQI GWFPSNYVLE EVDEAAAESP SFLSLRKGAS LSNGQGS RVL HVVQTLYPFS SV
Tag:	His-tag
Predicted MW:	45.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001004720
Locus ID:	8440
UniProt ID:	O43639 , A0A0S2Z4M6
Cytogenetics:	2q12.2
Synonyms:	GRB4; NCKbeta



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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, Jul 2008]

Protein Families:

Druggable Genome

Protein Pathways:

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

Product images: