Recombinant Human NCK1, His-tagged

Cat. No. NCK1-29297TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Nck with N terminal His tag, expressed in a Baculovirus infected Sf9 cell expression system, MWt 48kDa.
Species	Human
Description	The protein encoded by this gene is one of the signaling and transforming proteins containing Src homology 2 and 3 (SH2 and SH3) domains. It is located in the cytoplasm and is an adaptor protein involved in transducing signals from receptor tyrosine kinases to downstream signal recipients such as RAS. Alternatively spliced transcript variants encoding different isoforms have been found.
Conjugation	HIS
Form	Liquid
Storage buffer	Preservative: 150mM ImidazoleConstituents: 25% Glycerol, 50mM Sodium phosphate, 300mM Sodium chloride, 2mM DTT, 0.1mM PMSF, pH 7.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Contains 1 SH2 domain.Contains 3 SH3 domains.
Full Length	Full L.

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GENE INFORMATION

Gene Name	NCK1 NCK adaptor protein 1 [Homo sapiens]
Official Symbol	NCK1
Synonyms	NCK1; NCK adaptor protein 1; NCK; cytoplasmic protein NCK1; NCKalpha;
Gene ID	4690
mRNA Refseq	NM_001190796
Protein Refseq	NP_001177725
MIM	600508
Uniprot ID	P16333
Chromosome Location	3q21
Pathway	Activation of Rac, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Axon guidance, organism-specific biosystem;
Function	cytoskeletal adaptor activity; protein binding; protein domain specific binding; receptor binding; receptor signaling complex scaffold activity;

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