

**NCK1, 1-377aa, Human, His tag, E.coli**

**Cat.NO.: TP03107**

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3th Edition

**Synonyms:**NCK adaptor protein 1, NCK, NCKalpha

**Description:**NCK adaptor protein 1, also known as NCK, belongs to the adaptor family of proteins. 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

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 1mM EDTA, 50mM NaCl

**Molecular Weight:**45 kDa (397aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAEEVVVAKFDYVAQQEQELDIKNERLWLLDDSKSWWRVNRNSMNKTGFVPS  
NYVERKNSARKASIVKNLKDITLGIGKVKRKPSVPDSASPADDSFVDPGERLYDLNMPAYVKFNMAEREDSLIK  
GTKVIVMEKCSDGWWRGSYNGQVGWFPSNYVTEEGDSPLGDHVGLSEKLAAVVNNLNTGQVLHVQALYPFSS  
SNDEELNFEKGDVMDVIEKPENDEPEWWKCRKINGMVGLVPKNYVTVMQNNPLTSGLEPSPQCDYIRPSLTGKFA  
GNPWYYGKVTRHQAEMALNERGHEGDFLIRDSESSPNDFSVSLKAQGKNKHFVQLKETVYCIGQRKFSTMEELV  
EHYKKAIFTSEQGEKLYLVKHL

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.