

## 32-4296: Recombinant Human NCK Adaptor Protein 2

**Alternative Name** : NCK Adaptor Protein 2, Growth Factor Receptor-Bound Protein 4, SH2/SH3 Adaptor Protein NCK-Beta, Noncatalytic Region Of Tyrosine Kinase Beta, Cytoplasmic Protein NCK2, GRB4, NCKbeta, Nck-2.

### Description

Source : Escherichia Coli. NCK2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 403 amino acids (1-380) and having a molecular mass of 45.3kDa. NCK2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NCK2 belongs to the NCK family of adaptor proteins. NCK2 holds one SH2 domain and three SH3 domains. NCK2 bind and recruit several proteins that take part in the regulation of receptor protein tyrosine kinases even though it has no known catalytic function. That indicates that NCK2 takes part in cytoskeletal reorganization. Alternate transcription splice variants, encoding diverse isoforms, were characterized.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The NCK2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMTTEEVIV IAKWDYTAQQ DQELDIKKNE RLWLLDSDKT  
WWRVRNAANR TGYVPSNYVE RKNLKKGSL VKNLKDITLGL GKTRRKTSAR DASPTPSTDA  
EYPANGSGAD RIYDLNIPAF VKFAYVAERE DELSLVKGSR VTMKCSGDG WWRGSYNGQI GWFPSNYVLE  
EVDEAAAESP SFLSLRKGAS LSNGQGSRLV HVVQTLYPFS SVTEEELNFE KGETMEVIEK PENDPEWWKC  
KNARGQVGLV PKNYVVVLSL GPALHPAHAP QISYTGSSS GRFAGREWYY GNVTRHQAEC  
ALNERGVEGD FLIRDSESSP SDFSVSLKAS GKNKHFKVQL VDNVYCIGQR RFHTMDELVE HYKKAPIFTS  
EHGEKLYLVR ALQ

