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**Product Data Sheet**


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Product Name: NCK2 Human

Cat. No.: GP24015

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMTTEEVIV IAKWDYTAQQ DQELDIKKNE RLWLLDDSKT WWRVRNAANR TGYVPSNYVE RKNSLKKGSL VKNLKDTLGL GKTRRKT SAR DASPTPSTDA EYPANGSGAD RIYDLNIPAF VKFAYVAERE DELSLVKGSR VTMKCSGDG WWRGSYNGQI GWFPSNYVLE EVDEAAAESP SFLSLRKGAS LSNQGSRVL HVVQTLYPFS SVTEEELNFE KGETMEVIEK PENDPEWWKC KNARGQVGLV PKNYVVVLSG GPALHPAHAP QISYTGSSS GRFAGREWYY GNVTRHQAEC ALNERGVEGD FLIRDSESSP SDFSVSLKAS GKNKHFKVQL VDNVYCIGQR RFHTMDELVE HYKKAPIFTS EHGEKLYLVR ALQ		
Formulation	The NCK2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.		

**Introduction**

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.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks.

**Background**

NCK2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chain containing 403 amino acids (1-380) and having a molecular mass of 45.3kDa.

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