Product datasheet for TP720906

Nck (NCK1) (NM_006153) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human NCK adaptor protein 1 (NCK1), transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ser377
Tag:	N-His
Predicted MW:	45 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_006144
Locus ID:	4690
UniProt ID:	P16333, A0A0S2Z4Y3
RefSeq Size:	4421
Cytogenetics:	3q22.3
RefSeq ORF:	1131
Synonyms:	NCK; nck-1; NCKalpha

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Summary: 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. [provided by RefSeq, Jun 2010]

Protein Families: Druggable Genome

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