

Recombinant Mouse Nck2 Protein, Myc/DDK-tagged

Cat. No. Nck2-4311M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length non-catalytic region of tyrosine kinase adaptor protein 2 (Nck2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adapter protein which associates with tyrosine-phosphorylated growth factor receptors or their cellular substrates. Maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1. Plays a role in ELK1-dependent transcriptional activation in response to activated Ras signaling.
Molecular Mass	42.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Nck2 non-catalytic region of tyrosine kinase adaptor protein 2 [Mus musculus (house mouse)]
Official Symbol	Nck2
Synonyms	NCK2; non-catalytic region of tyrosine kinase adaptor protein 2; cytoplasmic protein NCK2; NCK adaptor protein 2; SH2/SH3 adaptor protein NCK-beta; growth factor receptor-bound protein 4; Grb4; Nck-2; NCKbeta; 4833426I10Rik
Gene ID	17974
mRNA Refseq	NM_010879
Protein Refseq	NP_035009
UniProt ID	O55033

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