Recombinant Human Cytoplasmic domain protein NCK2(NCK2)

Catalog No: #AP70577

Package Size: #AP70577-1 20ug #AP70577-2 100ug #AP70577-3 1mg

Signalway Antibody
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Description

Product Name	Recombinant Human Cytoplasmic domain protein NCK2(NCK2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-380aaSequence Info:Full Length
Other Names	Growth factor receptor-bound protein 4NCK adaptor protein 2 ;Nck-2SH2,SH3 adaptor protein NCK-beta
Accession No.	O43639
Calculated MW	58.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MTEEVIVIAKWDYTAQQDQELDIKKNERLWLLDDSKTWWRVRNAANRTGYVPSNYVERKNSLKKGSLVKNLK DTLGLGKTRRKTSARDASPTPSTDAEYPANGSGADRIYDLNIPAFVKFAYVAEREDELSLVKGSRVTVMEKCS DGWWRGSYNGQIGWFPSNYVLEEVDEAAAESPSFLSLRKGASLSNGQGSRVLHVVQTLYPFSSVTEEELNF EKGETMEVIEKPENDPEWWKCKNARGQVGLVPKNYVVVLSDGPALHPAHAPQISYTGPSSSGRFAGREWYY GNVTRHQAECALNERGVEGDFLIRDSESSPSDFSVSLKASGKNKHFKVQLVDNVYCIGQRRFHTMDELVEHY KKAPIFTSEHGEKLYLVRALQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Identification of Nck family genes, chromosomal localization, expression, and signaling specificity.Chen M., She H., Davis E.M., Spicer C.M., Kim L., Ren R., LeBeau M.M., Li W.J. Biol. Chem. 273:25171-25178(1998)Research Topic:Transcription

Note: This product is for in vitro research use only and is not intended for use in humans or animals.