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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NEK3 (Human) Recombinant Protein (P01)

Catalog Number: H00004752-P01

Regulation Status: For research use only (RUO)

Product Description: Human NEK3 full-length ORF (NP_002489.1, 1 a.a. - 506 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDDYMLVRMIGEGSFRALLVQHESNQMFAMKEIRL
PKSFSNTQNSRKEAVLLAKMKHPNIVAFKESFEAEGHL
YIVMEYCDGGDLMQKIKQQKGLFPEDMILNWFTQMC
LGVNHIHKRVLHRDIKSKNIFLTQNGKVKLGDFGSAR
LLSNPMAFACTYVVGTPYYVPPEIWIENLPYNNKSDIWSL
GCILYELCTLKHPFQANSWKNLILKVCQGCISPLPSHY
SYELQFLVKQMFKRNP SHRPSATLLSRGIVARLVQKC
LPPEIIMEYGEEVLEEIKNSKHNTPRKKTNP SRIRIALGN
EASTVQEEEEQDRKGSHTDLESINENLVESALRRVNRE
EKGNKSVHLRKASSPNLHRRQWEKNVPNTALTALENA
SILTSSLTAEDDRGGSVIKYSKNTTRKQWLKETPDTLL
NILKNADLSLAFQTYTYIRPGSEGFLKGPLSEETEASDS
VDGGHDSVILDPERLEPGLDEEDTDFEEEDDNP DWVS
ELKKRAGWQGLCDR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.1

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4752

Gene Symbol: NEK3

Gene Alias: HSPK36, MGC29949

Gene Summary: This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein differs from other NimA family members in that it is not cell cycle regulated and is found primarily in the cytoplasm. The kinase is activated by prolactin stimulation, leading to phosphorylation of VAV2 guanine nucleotide exchange factor, paxillin, and activation of the RAC1 GTPase. Multiple transcript variants encoding different isoforms have been found for this gene]