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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NEK8 (Human) Recombinant Protein (P01)

Catalog Number: H00284086-P01

Regulation Status: For research use only (RUO)

Product Description: Human NEK8 full-length ORF (NP_835464.1, 1 a.a. - 692 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEKYERIRVVGRGAFGIVHLCRLKADQKLVIIKQIPVEQ
MTKEERQAAQNECQVLKLLNHPNVIEYYENFLEDKAL
MIAMEYAPGGTLAEFIQKRCNSLLEETILHFFVQILLAL
HHVHTHLILHRDLKTQNILLDKHRMVVKIGDFGISKILSS
KSKAYTVVGTPCYISPELCEGKPYNQKSDI WALGCVLY
ELASLKRAFEAANLPALVLKIMSGTFAPISDRYSPELRQ
LVLSLLSLEPAQRPPLSHIMAQPLCIRALLNLHTDVGVS
RMRRAEKSVAPSNTGSRTTSVRCRGI PRGPV RPAIPP
PLSSVYAWGGGLGTPLRLPMLNTEVVQVAAGRTQKA
GVTRSGRLILWEAPPLGAGGGSLLPGAVEQPQPQFIS
RFLEGQSGVTIKHVACGDFFTA CLTDRGIIMTFGSGSN
GCLGHGSLTDISQPTIVEALLGYEMVQVACGASHVLAL
STERELFAWGRGDSGRLGLGTRESHSCPQQVPMPP
GQEAQRVVCIDSSMILTVPGQALACGSNRFNKLGLD
HLSLGEPPVPHQQVEEALSFTLLGSAPLDQEPLLSIDL
GTAHSAAVTASGDCYTFGSNQHGQLGTNTRRGSRAP
CKVQGLEGIKMAMVACGDAFTVAIGAESEVYSWGKG
ARGRLGRRDEDAGLPRPVQLDETHPYTVTSVSCCHG
NTLLAVRSVTDEPVPP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 101.2

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: 284086

Gene Symbol: NEK8

Gene Alias: JCK, MGC138445, NEK12A

Gene Summary: This gene encodes a member of the serine/threonine protein kinase family related to NIMA (never in mitosis, gene A) of *Aspergillus nidulans*. The encoded protein may play a role in cell cycle progression from G2 to M phase. Mutations in the related mouse gene are associated with a disease phenotype that closely parallels the juvenile autosomal recessive form of polycystic kidney disease in humans. [provided by RefSeq]