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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NFKBIA (Human) Recombinant Protein (P01)

Catalog Number: H00004792-P01

Regulation Status: For research use only (RUO)

Product Description: Human NFKBIA full-length ORF (AAH04983, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MFQAAERPQEWAMEGPRDGLKKERLLDDRHD SGLD
SMKDEEYEQMVKELQEIRLEPQEVPRGSEPWKQQLT
EDGDSFLHLAIHHEEKALTM EVIRQVKGDLAFLNFQNNL
QQTPLHLAVITNQPEIAEALLGAGCDPELRDFRGNTPL
HLACEQGCLASVGVLTQSCTTPHLHSILKATNYNGHT
CLHLASIHGYLGIVELLVSLGADVNAQEPCNGRTALHL
AVDLQNPDLVSLLLKCGADVNRV TYQGYSPLYQLTWG
RPSTRIQQQLGQLTLENLQMLPESEDEESYDTESEFT
EFTEDELPHYDDCVFGGQRLTL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.61

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: 4792

Gene Symbol: NFKBIA

Gene Alias: IKBA, MAD-3, NFKBI

Gene Summary: NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA (MIM 164014), or RELB (MIM 604758) to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB, MIM 604495), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, MIM 600664, or IKBKB, MIM 603258) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime GGGRNNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime (where H is A, C, or T; R is an A or G purine; and Y is a C or T pyrimidine).[supplied by OMIM]