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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

NFKBIB (Human) Recombinant Protein (P01)

Catalog Number: H00004793-P01

Regulation Status: For research use only (RUO)

Product Description: Human NFKBIB full-length ORF (AAH15528, 1 a.a. - 356 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MAGVACLGKAADADEWCDSGLGSLGPDAAAPGGPG
LGAELGPGLSWAPLVFGYVTEDGDTALHLAVIHQHEP
FLDFLLGFSAGTEYMDLQNDLGQTALHLAAILGETSTV
EKLYAAGAGLCVAERRGHTALHLACRVGAHACARALL
QPRPRRPREAPDTYLAQGPDRTPDTNHTPVALYPDS
DLEKEEEESEEDWKLQLEAENYEGHTPLHVAVIHKDV
EMVRLLRDAGADLDKPEPTCGRSPLHLAVEAQAADVL
ELLLRAGANPAARMYGGRTPLGSAMLRPNPILARLLR
AHGAPEPEGEDEKSGPCSSSSDSDSGDEGDEYDDIV
VHSSRSQTRLPPTPASKPLPDDPRPV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 64.9

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: 4793

Gene Symbol: NFKBIB

Gene Alias: IKBB, TRIP9

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, MIM 164008, or NFKBIB), 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]