

Recombinant Human NFKBIB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NFKBIB-5974H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

NFKBIB MS Standard C13 and N15-labeled recombinant protein (NP_002494) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

The protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.

Molecular Mass

37.8 kDa

AA Sequence

MAGVACLGKAADADEWCDSGLGSLGPDAAAPGGPGLGAELGPGLSWAPLVFGYV
 TEDGDTALHLAVIHQHEPFLDFLLGFSAGTEYMDLQNDLGQTALHLAAILGETSTVEK
 LYAAGAGLCVAERRGHTALHLACRVGAHACARALLQPRRRPREAPDTYLAQGPD
 RTPDTNHTPVALYPDSLEKEEEEESEEDWKLQLEAENYEGHTPLHVAVIHKDVEMV
 RLLRDAGADLDKPEPTCGRSPLHLAVEAQAADVLELLL RAGANPAARMYGGRTPLG
 SAML RPNPILARLLRAHGAPEPEGEDEKSGPCSSSSSDSDSGDEGDEYDDIVHSSR
 SQTRL PPTPASKPLPDDPRPVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

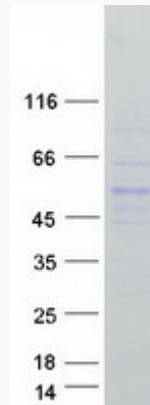
Gene Name	NFKBIB NFKB inhibitor beta [Homo sapiens (human)]
Official Symbol	NFKBIB
Synonyms	NFKBIB; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta; NF-kappa-B inhibitor beta; IKBB; TRIP9; ikB-B; TRIP-9; ikB-beta; ikappaBbeta; NF-kappa-BIB; I-kappa-B-beta; TR-interacting protein 9; thyroid receptor-interacting protein 9;
Gene ID	4793
mRNA Refseq	NM_002503
Protein Refseq	NP_002494
MIM	604495
UniProt ID	Q15653

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SDS-PAGE



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