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

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

## SPECIFICATION

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| **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 LYAAGAGLCVAERRGHTALHLACRVGAHACARALLQPRPRRPREAPDTYLAQGPD RTPDTNHTPVALYPDSDLEKEEEESEEDWKLQLEAENYEGHTPLHVAVIHKDVEMV RLLRDAGADLDKPEPTCGRSPLHLAVEAQAADVLELLLRAGANPAARMYGGRTPLG SAMLRPNPILARLLRAHGAPEPEGEDEKSGPCSSSSDSDSGDEGDEYDDIVVHSSR SQTRLPPTPASKPLPDDPRPVTRTRPLEQKLISEEDLAANDILDYKDDDDKV |

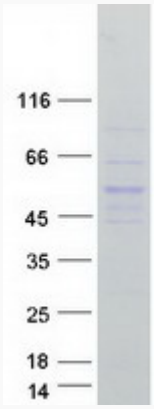
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| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| **Storage** | Store at -80 centigrade. Avoid repeated freeze-thaw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

## GENE INFORMATION

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| **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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