

Recombinant Human NFKBIB, His-tagged

Cat. No. NFKBIB-28874TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 9-356 of Human IKB beta, with a N-terminal His tag, 50kDa,
Species	Human
Source	E.coli
ProteinLength	9-356 a.a.
Description	<p>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.</p> <p>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.</p> <p>Alternatively spliced transcript variants have been found for this gene.</p>
Conjugation	HIS
Tissue specificity	Expressed in all tissues examined.
Form	Lyophilised:reconstitution with 124 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	<p>KAADADEWCDSGLGSLGPDAAAPGGPGLGAELGPGLSWAP LVFGYVTEGDGTAL HLAVIHQHEPFLDFLLGFSAGTEY MDLQNDLGQTALHLAAILGETSTVEKLYAAGAG LCVAE RRGHTALHLACRVGAHACARALLQPRPRRPREAPDTYLAQ GPDRTPTDNTNH TPVALYPDSDLEKEEEEESEEDWKLQLEA ENYEGHTPLHVAVIHKDVEMVRLLRDAG ADLDKPEPTC GRSPLHLAVEAQAADVLELLL RAGANPAARMYGGRTPL GSAMLRP NPILARLLRAHGAPEPEGEDEKSGPCSSSSSDSD SGDEGDEYDDIVVHSSRSQTRLP PTPASKPLPDDPRPV</p>
Sequence Similarities	Belongs to the NF-kappa-B inhibitor family. Contains 6 ANK repeats.

GENE INFORMATION

Gene Name	NFKBIB nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta [Homo sapiens]
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;
Gene ID	4793
mRNA Refseq	NM_001243116
Protein Refseq	NP_001230045
MIM	604495

Uniprot ID	Q15653
Chromosome Location	19q13.1
Pathway	Activated TLR4 signalling, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Apoptosis, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem;
Function	protein binding; signal transducer activity; transcription coactivator activity;

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