

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	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.
Conjugation	HIS
Tissue specificity	Expressed in all tissues examined.
Form	Lyophilised:reconstitution with 124 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KAADADEWCDSGLGSLGPDAAAPGGPGLGAELGPGLSWAP LVFGYVTEdGDTAL HLAVIHQHEPFLDFLLGFSAGTEY MDLQNDLGQTALHLAAILGETSTVEKLYAAGAG LCVAE RRGHTALHLACRVGAHACARALLQPRPRRPREAPDTYLAQ GPDRTPTDNTNH TPVALYPDSdleKEEEEESEEDWKLQLEA ENYEGHTPLHVAVIHKDVEMVRLLRDAG ADLDKPEPTC GRSPLHLAVEAQAADVLELLLragANPAARMYGGRTPL GSAMLRP NPILARLLRAHGAPEPEGEDEKSGPCSSSSDSD SGDEGDEYDDIVVHSSRSQTRLRP PTPASKPLPDDPRPV
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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