

Recombinant Human NFKBIE, His-tagged

Cat. No. NFKBIE-28876TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 319-500 of Human IKB epsilon with N terminal His tag; 182 amino acids, 22kDa.
Species	Human
Source	E.coli
ProteinLength	319-500 a.a.
Description	The protein encoded by this gene binds to components of NF-kappa-B, trapping the complex in the cytoplasm and preventing it from activating genes in the nucleus. Phosphorylation of the encoded protein targets it for destruction by the ubiquitin pathway, which activates NF-kappa-B by making it available to translocate to the nucleus.
Conjugation	HIS
Tissue specificity	Highly expressed in spleen, testis and lung, followed by kidney, pancreas, heart, placenta and brain. Also expressed in granulocytes and macrophages.
Form	Lyophilised:Reconstitute with 92 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 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	SRALQDRHGDTALHVACQRQHLACARCLLEGRPEPGRGTS HSLDLQLQNWQGLA CLHIATLQKNQPLMELLNRNGADI DVQEGTSGKTALHLAVETQERGLVQFLLQAGAAQ VDARMLN GCTPLHLAAGRGLMGISSTLCKAGADSLLRNVEDETPQ DLTEESLVLLP FDDLKISGKLLLCTD
Sequence Similarities	Belongs to the NF-kappa-B inhibitor family.Contains 6 ANK repeats.
GENE INFORMATION	
Gene Name	NFKBIE nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon [Homo sapiens]
Official Symbol	NFKBIE
Synonyms	NFKBIE; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon; NF-kappa-B inhibitor epsilon; IKBE;
Gene ID	4794
mRNA Refseq	NM_004556
Protein Refseq	NP_004547
MIM	604548
Uniprot ID	O00221
Chromosome Location	6p21.1

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Pathway

Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Apoptosis, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem;

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