

Recombinant Human NFKBIZ Protein, His-tagged

Cat. No. NFKBIZ-451H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFKBIZ(Val422~Thr651) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val422~Thr651
Description	This gene is a member of the ankyrin-repeat family and is induced by lipopolysaccharide (LPS). The C-terminal portion of the encoded product which contains the ankyrin repeats, shares high sequence similarity with the I kappa B family of proteins. The latter are known to play a role in inflammatory responses to LPS by their interaction with NF-B proteins through ankyrin-repeat domains. Studies in mouse indicate that this gene product is one of the nuclear I kappa B proteins and an activator of IL-6 production. Two transcript variants encoding different isoforms have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	29.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	NFKBIZ nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta [Homo sapiens]
Official Symbol	NFKBIZ
Synonyms	NFKBIZ; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta; NF-kappa-B inhibitor zeta; FLJ34463; MAIL; ikB-zeta; ikappaBzeta; IkappaB-zeta; I-kappa-B-zeta; Ikappa B-zeta variant 3; IL-1 inducible nuclear ankyrin-repeat protein; molecule possessing ankyrin repeats induced by lipopolysaccharide; IKBZ; INAP; FLJ30225;
Gene ID	64332
mRNA Refseq	NM_001005474
Protein Refseq	NP_001005474

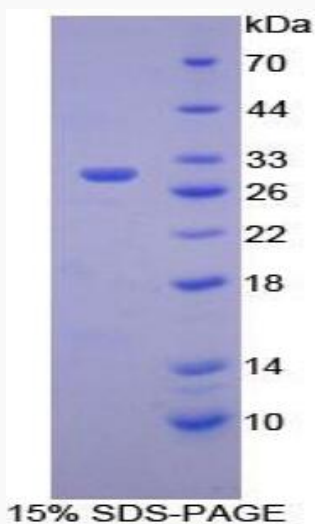
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UniProt ID Q9BYH8



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