

Recombinant Human NFKBIZ 293 Cell Lysate

Cat. No. NFKBIZ-3845HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta (NFKBIZ), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

MIM

608004

UniProt ID

Q9BYH8

Chromosome Location

3p12-q12

Pathway

TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem; Transcriptional

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misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;

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