

Recombinant Human NFKBIZ protein, GST-tagged

Cat. No. NFKBIZ-458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFKBIZ protein(369-718 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	369-718 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	AHLHSFSMMPSSACEAMVGHEMASDSSNTSLPFSNMGNPMNTTQLGKSLFQWQV EQEESKLANISQDQFLSKDADGDTFLHIAVAQGRRALSYVLARKMNALHMLDIKEHN GQSAFQVAVAAANQHLLIVQDLVNIGAQVNTTDCWGRTPLHVCAEKGHSQVLQAIQKG AVGSNQFVDLEATNYDGLTPLHCAVIAHNAVVELQNRNQPHSPEVQELLLKNKSL VDTIKCLIQMGAAVEAKDRKSGRTALHLAAEEANLELIRLFLELPSCLSFVNAKAYNG NTALHVAASLQYRLTQLDAVRLLMRKGADPSTRNLENEQPVHLVPDGPVGEQIRRI KGKSIQQRAPPY
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

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SDS-PAGE



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