

## Recombinant Human NFKBIZ protein, GST-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Human NFKBIZ protein(369-718 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 369-718 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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). |
| <b>AASequence</b>       | AHLHSFSMMPSSACEAMVGHEMASDSSNTSLPFSNMGNPMNTTQLGKSLFQWQV<br>EQEESKLANISQDQFLSKDADGDTFLHIAVAQGRRALSYVLARKMNALHMLDIKEHN<br>GQSAFQVAVAAANQHLLIVQDLVNIGAQVNTTDCWGRTPLHVCAEKGHSQVLQAIQKG<br>AVGSNQFVDLEATNYDGLTPLHCAVIAHNAVVELQRNQPHSPEVQELLLKNKSL<br>VDTIKCLIQMGAAVEAKDRKSGRTALHLAAEEANLELIRLFLELPSCLSFVNAKAYNG<br>NTALHVAASLQYRLTQLDAVRLLMRKGADPSTRNLENEQPVHLVPDGPVGEQIRRI<br>KGKSIQQRAPPY        |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | 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.                                                                                                                                                        |
| <b>Reconstitution</b>   | 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.                                                                                                                      |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>        | NFKBIZ nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta [ Homo sapiens ]                                                                                                                                                                                                                                                   |
| <b>Official Symbol</b>  | NFKBIZ                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>         | 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; |
| <b>Gene ID</b>          | 64332                                                                                                                                                                                                                                                                                                                                                        |
| <b>mRNA Refseq</b>      | NM_001005474                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>   | NP_001005474                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>              | 608004                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>       | Q9BYH8                                                                                                                                                                                                                                                                                                                                                       |

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## SDS-PAGE



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