

Recombinant Human NFKB inhibitor epsilon Protein, His tagged

Cat. No. NFKBIE-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFKBIE Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	141-500 aa
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.
Tag	C-His
Molecular Mass	40 kDa
AA Sequence	MSEARKGPDEAEESQYDSGIESLRSLRSLPESTSAPASGPSDGSPQPCTHPPGPVK EPQEKEDADGERADSTYGSSSLTYTLSSLGGPEAEDPAPRLPLPHVGALSPQQLEA LTYISEDGDTLVHLAVIHEAPAVLLCCLALLPQEVLDIQNNLYQTALHLAVHLDQPGAV RALVLKGASRALQDRHGDTALHVACQRQHLACARCLLEGRPEPGRGTSHSLDLQL QNWQGLACLHIATLQKNQPLMELLRNAGADIDVQEGTSGKTALHLAVETQERGLVQ FLLQAGAQVDARMLNGCTPLHLAAGRGLMGISSTLCKAGADSLLRNVEDETPQDLT

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	EESLVLLPFDDLKISGKLLLCTDHHHHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	1 mg/mL by BCA

GENE INFORMATION

Gene Name	NFKBIE NFKB inhibitor epsilon [Homo sapiens (human)]
Official Symbol	NFKBIE
Synonyms	NFKBIE; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon; NF-kappa-B inhibitor epsilon; IKBE; ikB-E; ikB-epsilon; NF-kappa-BIE; ikappaBepsilon; I-kappa-B-epsilon
Gene ID	4794
mRNA Refseq	NM_004556
Protein Refseq	NP_004547
MIM	604548

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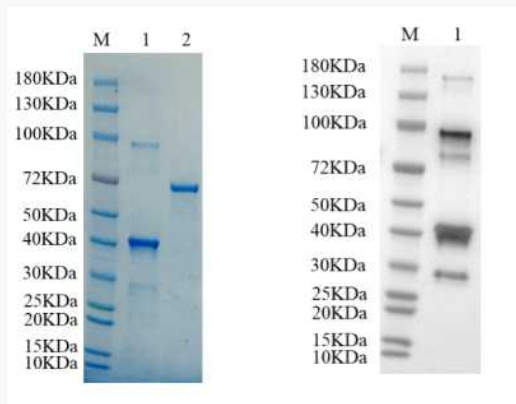
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UniProt ID

O00221

Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
NFKBIE.



1. NFKBIE: 1 μ g
2. BSA: 1 μ g

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