

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	MSEARKGPDEAEESQYDSGIESLRSLRSLPESTSAPASGSPDGSPQPCTHPPGPVK EPQEKEDADGERADSTYGSSSLTYTLSELLGGPEAEDPAPRLPLPHV GALSPQQLEA LTYISEDGDTLVHLAVIHEAPAVLLCCLALLPQEVLDIQNNLYQTALHLAVHLDQPGAV RALVLKGASRALQDRHGDTALHVACQRQHLACARCLLEGRPEPGRGTSHSLDLQL QNWQGLACLHIATLQKNQPLMELLRNGADIDVQEGTSGKTALHLAVETQERGLVQ FLLQAGA QVDARMLNGCTPLHLAAGRGLMGISSTLCKAGADSLLRNVEDETPQDLT

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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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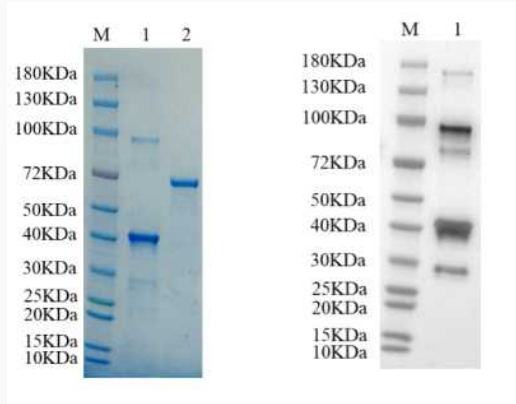
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UniProt ID

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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