

NFKBIE 抗原（重组蛋白）

中文名称：NFKBIE 抗原（重组蛋白）

英文名称： NFKBIE Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 63-423 amino acids of human NFKBIE

技术规格

Full name:	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon
Synonyms:	IKBE
Swissprot:	O00221
Gene Accession:	BC011676
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. NFKBIE protein expression is up-regulated following NF-kappa-B activation and during myelopoiesis. NFKBIE is able to inhibit NF-kappa-B direct transactivation via cytoplasmic retention of REL proteins. NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NF-kappa-B transcription factor complex. The NF-kappa-B complex is inhibited by I-kappa-B protein (NFKBIA or NFKBIB), which inactivate NF-kappa-B by trapping it in the cytoplasm.

