

Recombinant Human NFKBIE

Catalog No: #GP10104



Package Size: #GP10104-1 100ug

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Description

Product Name	Recombinant Human NFKBIE
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 63-423 amino acids of human nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon
Target Name	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon
Other Names	IKBE
Accession No.	Swissprot:O00221Gene Accession:BC011676
Uniprot	O00221
GenID	4794;
Storage	-20~-80°C, pH 7.6 PBS

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-B activation and during myelopoiesis. NFKBIE is able to inhibit NF-B-directed transactivation via cytoplasmic retention of REL proteins. NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NF-B transcription factor complex. The NF-B complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB), which inactivate NF-kappa-B by trapping it in the cytoplasm.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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