

# Recombinant Human NFKB1

Catalog No: #GP10102



Package Size: #GP10102-1 100ug

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## Description

Product Name	Recombinant Human NFKB1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 769-968 amino acids of human NFKB1
Target Name	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
Other Names	p50; KBF1; p105; EBP-1; NF-kB1; NFKB-p50; NFKappaB; NF-kappaB; NFKB-p105; NF-kappa-B
Accession No.	Swissprot:P19838Gene Accession:BC051765
Uniprot	P19838
GeneID	4790;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene.

## 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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