

NFKB p50 Peptide Antigen

Cat. No. CDA099 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Discription

Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105), also known as NFKB1 or p50, is a human gene. 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-kappaB (NF-κB) protein complex. NF-κB is a transcription factor that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NF-κB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions; over 200 known genes are targets of NF-κB in various cell types, under specific conditions. Inappropriate activation of NF-κB has been associated with a number of inflammatory diseases while persistent inhibition of NF-κB leads to inappropriate immune cell development or delayed cell growth.

Sequence

LRRKSDLETSEPKPC-OH

Physical Appearance

White lyophilized powder

Purity

Peptide Purity>85% by HPLC

Storage

store at Freezer(-20°C) immediately upon arrival.

GENE INFORMATION

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Synonyms

p50 NF-kappa B; NFKB1; DKFZp686C01211; EBP-1; KBF1; MGC54151; NF-kappa-B; NFKB-p105; NFKB-p50; DKFZp686C01211; NF-kappabeta; NFKB-p105; p105; p50; p50NFKB; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding subunit; nuclear factor kappa-B, subunit 1; nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105).

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