

Nuclear factor NF-kappa-B p105 subunit (NFKB1) Recombinant Protein | NFKB1 recombinant protein

Recombinant Human Nuclear factor NF-kappa-B p105 subunit (NFKB1), partial

CATALOG # AAA113671	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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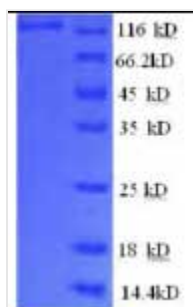
PRODUCT SYNONYMS

Nuclear factor NF-kappa-B p105 subunit (NFKB1); Recombinant Human Nuclear factor NF-kappa-B p105 subunit (NFKB1); partial; NFKB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-433, Partial, provide the NF-kappa-B p50 subunit.
Sequence	MAEDDPYLGR PEQMFHLDPS LTHITFNPEV FQPQMALPTD GPYLQILEQP KQRGFRFRYV CEGPSHGGLP GASSEKNKKS YPQVKICNYV GPAKVIVQLV TNGKNIHLHA HSLVGKHCED GICTVTAGPK DMVVGAFANLG ILHVTKKKV FETLEARMTEA CIRGYNPGLL VHPDLAYLQA EGGGDRQLGD REKELIRQAA LQQTKEMDLS VVRLMFTAFL PDSTGSFTRR LEPVVSDAIY DSKAPNASNL KIVRMDRTAG CVTGGEIYL LCDKVQKDDI QIRFYEEEEEN GGVWEGFGDF SPTDVHRQFA IVFKTPKYD INITKPASVF VQLRRKSDLE TSEPKPFLYY PEIKDKEEVQ RKRQKLMPNF SDSFGGGSGA GAGGGGMFGS GGGGGGTGST GPGYSFPHYG FPTYGGITFH PGTTKSNAGM KHG
Sequence Length	433
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NFKB1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	259155302
NCBI GeneID	4790
NCBI Accession #	NP_001158884.1
NCBI GenBank Nucleotide #	NM_001165412.1
UniProt Accession #	P19838; Q68D84; Q86V43; Q8N4X7; Q9NZC0; A8K5Y5; B3KVE8
Molecular Weight	85,520 Da
NCBI Official Full Name	nuclear factor NF-kappa-B p105 subunit isoform 2 proprotein
NCBI Official Synonym Full Names	nuclear factor kappa B subunit 1
NCBI Official Symbol	NFKB1
NCBI Official Synonym Symbols	p50; KBF1; p105; EBP-1; CVID12; NF-kb1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B
NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p105 subunit
UniProt Gene Name	NFKB1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.