

Recombinant Human NFKB2 Protein, His tagged

Cat. No. NFKB2-12HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
ProteinLength	406-899aa, 860-860: Missing
Description	This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants.
Molecular Mass	36 kDa
AA Sequence	MHHHHHHHHQMAATVPSRDSGEEAAEPSAPSRTPQCEPQAPEMLQRAREYNARL FGLAQRSARALLDYGV TADARALLAGQRHLLTAQDENGDTPLHLAIHGGTTSVIEQIV YVIHHAQDLGVVNL TNHLHQTPLHLAVITGQTSVVSFLLRVGADPALLDRHGDSAMH LALRAGAGAPELLRALLQSGAPAVPQLLHMPDFEGLYPVHLAVRARSPECLDLLVDS GAEVEATERQGGRTALHLATEMEELGLVTHLVTKLRANVNARTFAGNTPLHLAAGL

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GYPTLTRLLKAGADIHAENEEPLCPLSPPTSDSDSDSEGPEKDTRSSFRGHTPLD
LTCSTKVKTLLLNAAQNTMEPPLTPPSPAGPGLSLGDTALQNLEQLLDGPEAQGSW
AELAERLGLRSLVDTYRQTTSPSGSLLRSYELAGGDLAGLLEALSDMGLEEGVRLLR
GPETRDKLPSTVKEDSAYGSQSVEQEAELGPPPEPPGGLCHGHPQPQVH

Endotoxin < 1 EU/μg by LAL

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Lyophilized from PBS, pH7.4, 2.5% Trehalose, 2.5% Mannitol

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name NFKB2 nuclear factor kappa B subunit 2 [Homo sapiens (human)]

Official Symbol NFKB2

Synonyms NFKB2; nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100); nuclear factor NF-kappa-B p100 subunit; LYT 10; NF kB2; p52; p105; oncogene Lyt-10; DNA-binding factor KBF2; lymphocyte translocation chromosome 10 protein; nuclear factor of kappa light chain gene enhancer in B-cells 2; H2TF1; LYT10; LYT-10; NF-kB2

Gene ID 4791

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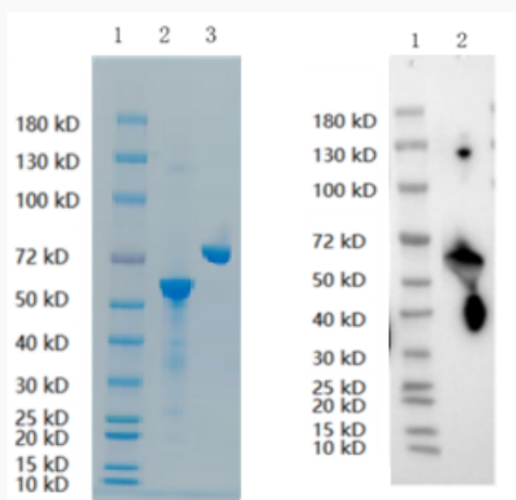
mRNA Refseq [NM_001077493](#)

Protein Refseq [NP_001070961](#)

MIM [164012](#)

UniProt ID [Q00653](#)

**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
NFkB2**



1. M 2. NFkB2: 1 µg 3. BSA: 1 µg

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