

# Recombinant Human NFKB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NFKB2-2608H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

NFKB2 MS Standard C13 and N15-labeled recombinant protein (NP\_001070961) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### 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

96.7 kDa

### AA Sequence

MESCYNPGLDGIIEYDDFKLNSSIVEPKPAPETADGPYLVIVEQPKQRGFRFRYGC  
EGPSHGGLPGASSEKGRKTYPTVKICNYEGPAKIEVDLVTHSDPPRAHAHSLVGKQ  
CSELGICAVSVGPKDMTAQFNNLGVLVHTKKNMMGMTMIQKLQRQRLRSRPQGLTEA  
EQRELEQEAKELKKVMDLSIVRLRFS AFLRASDGSFSLPLKPVISQPIHDSKSPGASN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LKISRMDKTAGSVRGGDEVYLLCDKVQKDDIEVRFYEDDENGWQAFGDFSPDVKH  
 QYAIVFRTPPYHKMKIERPVTVFLQLKRKRGGDVSDSKQFTYYPLVEDKKEEVQRKRR  
 KALPTFSQPFGGGSHMGGGSGGAAGGYGGAGGGGSLGFFPSSLAYSPLYQSGAGP  
 MGCYPGGGGGAQMAATVPSRDSGEEAAEPSAPSRTPQCEPQAPEMLQRAREYNA  
 RLFGLAQRSARALLDYGVTADARALLAGQRHLLTAQDENGDTPLHLAIHGTSVIEQ  
 IVYVIHHAQDLGVVNLTNHLHQTPLHLAVITGQTSVVSFLLRVGADPALLDRHGDSAM  
 HLALRAGAGAPPELLRALLQSGAPAVPQLLHMPDFEGLYPVHLAVRARSPECLDLLVD  
 SGAEVEATERQGGRTALHLATEMEELGLVTHLVTKLRANVNARTFAGNTPLHLAAG  
 LGYPTLTRLLLKAGADIHAENEEPLCPLPSPPTSDSDSDSEGPEKDTRSSFRGHTPL  
 DLTCSTKVKTLLLNAAQNTMEPPLTPPSPAGPGLSLGDTALQNLEQLLDGPEAQGS  
 WAELAERLGLRSLVDTYRQTTSPSGSLLRSYELAGGDLAGLLEALSMDGLEEGVRL  
 LRGPETRDKLPSTEVKEDSAYGSQSVEQEAELGPPPEPPGGGLCHGHPQPQVHTR  
 TRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

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

**Official Symbol** [NFKB2](#)

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**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

**mRNA Refseq**

NM\_001077493

**Protein Refseq**

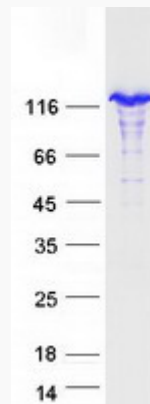
NP\_001070961

**MIM**

164012

**UniProt ID**

Q00653

**SDS-PAGE**


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