

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

Cat. No. NFKB2-4888H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	NFKB2 MS Standard C13 and N15-labeled recombinant protein (NP_002493) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	96.7 kDa
<b>AA Sequence</b>	Tag(s)MESCYNPGLDGIIEYDDFKLNSSIVEPKPAPETADGPYL VIVEQPKQRGFRF RYGCEGPSHGGLPGASSEKGRKTYPTVKICNYEGPAKIEVDLVTHSDPPRAHAHSL VGKQCSELGICAVSVGPKDMTAQFNNLGVLVHTKKNMMGMTMIQKLQRQLRSRPQ GLTEAEQRELEQEAKELKKVMDLSIVRLRFS AFLRASDGSFSLPLKPVISQPIHDSKS

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PGASNLKISRMDKTAGSVRGGDEVYLLCDKVQKDDIEVRFYEDDENGWQAFGDFS  
 PTDVHKQYAIVFRTPPYHKMKIERPVTVFLQLKRKRGGDVSDSKQFTYYPLVEDKEE  
 VQRKRRKALPTFSQPFGGGSHMGGGSGGAAGGYGGAGGGGSLGFFPSSLAYSPY  
 QSGAGPMGCYPGGGGGAQMAATVPSRDSGEEAAEPSAPSRTQPCEPQAPEMLQ  
 RAREYNARLFGLAQRSARALLDYGVTADARALLAGQRHLLTAQDENGDTPLHLAIH  
 GQTSVIEQIVYVIHHAQDLGVVNLTNHLHQTPLHLAVITGQTSVVSFLLRVGADPALL  
 DRHGDSAMHLALRAGAGAPPELLRALLQSGAPAVPQLLHMPDFEGLYPVHLAVRARS  
 PECLDLLVDSGAEVEATERQGGRTALHLATEMEELGLVTHLVTKLRANVNARTFAG  
 NTPLHLAAGLGYPTLTRLLLKAGADIHAENEEPLCPLPSPPTS DSDSDSEGPEKDTR  
 SSFRGHTPLDLTCSTKVKTLLLNAAQNTMEPPLTPPSPAGPGLSLGDTALQNLEQLL  
 DGPEAQGSWAELAERLGLRSLVDTYRQTTSPSGSLLRSYELAGGDLAGLLEALS DM  
 GLEEGVRLLRGPETRDKLPSTEVKEDSAYGSQSVEQEA EKLGPPEPPGGGLCHGH  
 PQPQVHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	NFKB2 nuclear factor kappa B subunit 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	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](#)

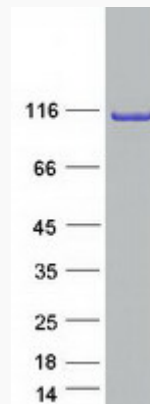
**mRNA Refseq** [NM\\_002502](#)

**Protein Refseq** [NP\\_002493](#)

**MIM** [164012](#)

**UniProt ID** [Q00653](#)

**SDS-PAGE**



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