

Recombinant Full Length Human NFKB2 Protein, C-Flag-tagged

Cat. No. NFKB2-559HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NFKB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	96.5 kDa
AA Sequence	MESCYNPGLDGIIEYDDFKLNSSIVEPKPAPETADGPYLVIVEQPKQGRGFRFRYGC EGPSHGGLPGAS SEKGRKTYPTVKICNYEGPAKIEVDLVTHSDPPRAHAHSLVGKQ CSELGICAVSVGPKDMTAQFNNLGV LHVTCKNMMGMTMIQKLQRQRLRSRPQGLTE

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AEQRELEQEAKELKKVMDLSIVRLRFS AFLRASDGSFSL PLKPVISQPIHDSKSPGAS
 NLKISRMDKTAGSVRGGDEVYLLCDKVQKDDIEVRFYEDDENGWQAFGDF SPTDV
 HKQYAIVFRTPPYHKMKIERPVTVFLQLKRKRGGDVSDSKQFTYYPLVEDKEEVQRK
 RRKALPT FSQPFGGGSHMGGGSGGAAGGYGGAGGGGSLGFFPSSLAYSPIYQSG
 AGPMGCYPGGGGGAQMAATVPSR DSGEEAAEPSAPSRTQPCEPQAPEMLQRRAR
 EYNARLFLGLAQRSARALLDYGV TADARALLAGQRHLLTA QDENGDTPLHLAIHGT
 SVIEQIVYVIHHAQDLGVVNLTNHLHQTPLHLAVITGQTSVVSFLLRVGAD PALLDRH
 GDSAMHLALRAGAGAPELLRALLQSGAPAVPQLLHMPDFEGLYPVHLAVRARSPEC
 LDLLVD SGAEVEATERQGGRTALHLATEMEELGLVTHLVTKLRANVNARTFAGNTP
 LHLAGLGYPTLTRLLLKA GADIHAENEEPLCPLPSPPTSDSDSDSEGPEKDTRSSF
 RGHTPLDLTCSTKVKTLLLNAQNTMEPPLT PPSPAGPGLSLGDTALQNLEQLLDG
 PEAQGSWAELAERLGLRSLVD TYRQTTSPSGSLLRSYELAGGDL AGLLEALSDMGL
 EEGVRLLRGPETRDKLPSTEVKEDSAYGSQSVEQEAELGPPPEPPGGLCHGHPQ
 PQ
 VHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors

Protein Pathways MAPK signaling pathway, Pathways in cancer

Full Length Full L.

GENE INFORMATION

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

Official Symbol NFKB2

Synonyms p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100

Gene ID 4791

mRNA Refseq NM_002502.6

Protein Refseq NP_002493.3

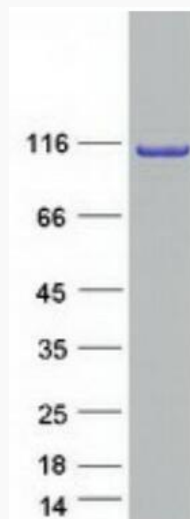
MIM 164012

UniProt ID Q00653

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Coomassie blue staining of purified NFkB2 protein.

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