

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	MESCYNPGLDGIIEYDDFKLNSSIVEPKPAPETADGPYLVIVEQPKQRGFRFRYGC EGPSHGGLPGAS SEKGRKTYPTVKICNYEGPAKIEVDLVTHSDPPRAHAHSLVGKQ CSELGICAVSVGPKDMTAQFNNLGV LHVTKKNMMGMTMIQKLQRQLRSRPQGLTE

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AEQRELEQEAKELKKVMDLSIVRLRFS AFLRASDGSFSL PLKPVISQPIHDSKSPGAS
NLKISRMDKTAGSVRGGDEVYLLCDKVQKDDIEVRFYEDDENGWQAFGDF SPTDV
HKQYAIVFRTPPYHKMKIERPVTVFLQLKRKRGGDVSDSKQFTYYPLVEDKKEEVQRK
RRKALPT FSQPFGGGSHMGGGSGGAAGGYGGAGGGGSLGFFPSSLAYSPLYQSG
AGPMGCYPGGGGGAQMAATVPSR DSGEEAAEPSAPSRTQPCEPQAPEMLQRRAR
EYNARLFGLAQRSARALLDYGV TADARALLAGQRHLLTA QDENGDTPLHLAIHIGQT
SVIEQIVYVIHHAQDLGVVNLTNHLHQ TPLHLAVITGQTSVVSFLLRVGAD PALLDRH
GDSAMHLALRAGAGAPPELLRALLQSGAPAVPQLLHMPDFEGLYPVHLAVRARSPEC
LDLLVD SGAEVEATERQGGRTALHLATEMEELGLVTHLVTKLRANVNARTFAGNTP
LHLAAGLGYPTLTRLLLKA GADIHAENEEPLCPLPSPPTSDSDSDSEGPEKDTRSSF
RGHTPLDLTCSTKVKTLLL NAAQNTMEPPLT PPSPAGPGLSLGDTALQNLEQLLDG
PEAQGSWAELAERLGLRSLVD TYRQTTSPSGSLLRSYELAGGDL AGLLEALS DMGL
EEGVRLLRGPETRDKLPSTEVKEDSAYGSQSVEQEAEKLGPPPEPPGGLCHGHPQ
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

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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

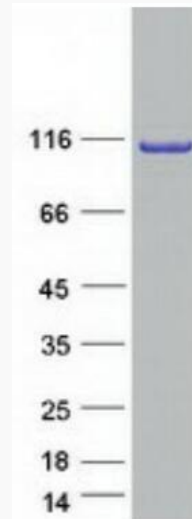
MIM 164012

UniProt ID Q00653

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Coomassie blue staining of purified NFKB2 protein.

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