

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

AEQRELEQEAKELKKVMDLSIVRLRFS AFLRASDGSFSL PLKPVISQPIHDSKSPGAS
 NLKISRMDKTAGSVRGGDEVYLLCDKVQKDDIEVRFYEDDENGWQAFGDF SPTDV
 HKQYAIVFRTPPYHKMKIERPVTVFLQLKRKRGGDVSDSKQFTYYPLVEDKEEVQRK
 RRKALPT FSQPFGGGSHMGGGSGGAAGGYGGAGGGGSLGFFPSSLAYSPYQSG
 AGPMGCYPGGGGGAQMAATVPSR DSGEEAAEPSAPSRTQPCEPQAPEMLQRRAR
 EYNARLFLGLAQRSARALLDYGV TADARALLAGQRHLLTA QDENGDTPLHLAIHGT
 SVIEQIVYVIHHAQDLGVVNLTNHLHQTPHLAVITGQTSVVSFLLRVGAD PALLDRH
 GDSAMHLALRAGAGAPELLRALLQSGAPAVPQLLHMPDFEGLYPVHLAVRARSPEC
 LDLLVD SGAEVEATERQGGRTALHLATEMEELGLVTHLVTKLRANVNARTFAGNTP
 LHLAGLGYPTLTRLLLKA GADIHAENEEPLCPLPSPPTSDSDSDSEGPEKDTRSSF
 RGHTPLDLTCSTKVKTLLLNAAQNTMEPPLT 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
-----------------------	-------------

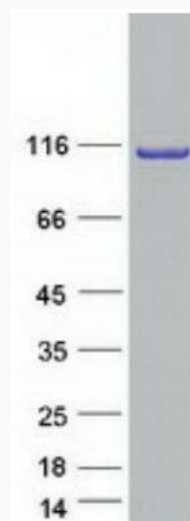
MIM	164012
------------	--------

UniProt ID	Q00653
-------------------	--------

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



Coomassie blue staining of purified NFkB2 protein.

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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