# NF-kB p65 (RELA) (NM_021975) Human Over-expression Lysate

E45H17644-

**Catalog Number:**E45H17644-2

**NCBI Gene ID:**5970

**Calculated MW:**60 kDa

**Storage:**Upon receiving, store the sample at -80°C. After dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2 x SDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.

**Cite ID#:**EN5538924

**Type:**Human Lysates

**Research Field:**Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

**Description:**Transient overexpression lysate of v-rel reticuloendotheliosis viral oncogene homolog A (avian) (RELA), transcript variant 1

**Protein length:**GoldORF Clone [GH50092V]

**Expression Host:**HEK293T

**Species:**Human

**Tag:**C-Myc/DDK

**Detection principle:**Detection Antibody: Clone LBI4C5, Anti-DDK (FLAG) monoclonal antibody ([AMM08808V])

**Kit components:**1 vial of gene specific transient over-expression cell lysate in RIPA buffer 1 vial of whole HEK293T cell lysate in RIPA buffer 1 vial of 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% glycerol, 0.002% Bromophenol blue, 100mM DTT)

**Gene symbol:**RELA

**mRNA Refseq:**NM_021975

**Protein Refseq:**NP_068810

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**Chromosome location:**11q13.1

**Pathway:**Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

**Function:**Druggable Genome, Transcription Factors

**Form:**Liquid

**Preparation:**HEK293T cells in 10-cm dishes were transiently transfected with Leading Biology Transfection Reagent (TF002V) and 5ug Leading Biology GoldORF cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1 x Proteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -20°C before shipping.

**Synonyms:**CMCU; NFKB3; p65

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