

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

Cat. No. RELA-2484H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RELA MS Standard C13 and N15-labeled recombinant protein (NP_068810) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	60 kDa
AA Sequence	MDLFLPLIFPAEPAQASGPYVEIIEQPKQRGMRFRYKCEGRSAGSIPGERSTDTTKT HPTIKINGYTGP GTVRISLVTKDPPHRPHPHELVGKDCRDGFYEALCPDRCIHSFQ NLGIQCVKKRDLEQAISQRIQTNNNPFQVPIEEQRGDYDLNAVRLCFQVTVRDPSGR PLRLPPVLSHPIFDNRAPNTAELKICRVNRNSGSLGGDEIFLLCDKVQKEDIEVYFT GPGWEARGSFSQADVHRQVAIVFRTPPYADPSLQAPVRVSMQLRRPSDRELSEPM EFQYLPDTDDRHRIEEKRKRTYETFKSIMKKSPFSGPTDPRPPPRRIAVPSRSSASV

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PKPAPQYPFTSSLSTINYDEFPTMVFP SGQISQASALAPAPPQVLPQAPAPAPAPA
MVSALAQAPAPVPVLAPGPPQAVAPPAPKPTQAGEGTLSEALLQLQFDDDEDLGALL
GNSTDPAVFTDLASVDNSEFQQLLNQGIPVAPHTTEPMLMEYPEAITRLVTGAQRPP
DPAPAPLGAPGLPNGLLSGDEDFSSIADMDFSALLSQISSTRTRPLEQKLISEEDLAA
NDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [RELA](#) [RELA proto-oncogene, NF-kB subunit \[Homo sapiens \(human\) \]](#)

Official Symbol [RELA](#)

Synonyms RELA; v-rel reticuloendotheliosis viral oncogene homolog A (avian); NFKB3, nuclear factor of kappa light polypeptide gene enhancer in B cells 3; transcription factor p65; p65; NF-kappa-B p65delta3; nuclear factor NF-kappa-B p65 subunit; nuclear factor of kappa light polypeptide gene enhancer in B-cells 3; NFKB3; MGC131774;

Gene ID [5970](#)

mRNA Refseq [NM_021975](#)

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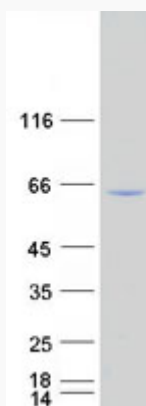
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Protein Refseq [NP_068810](#)

MIM [164014](#)

UniProt ID [Q04206](#)

SDS-PAGE



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