

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

Cat. No. IKBKG-5509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

IKBKG MS Standard C13 and N15-labeled recombinant protein (NP_001093327) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome.

Molecular Mass

48 kDa

AA Sequence

MNRHLWKSQ LCEMVQP SGGPAADQDVLG EESPLGK PAMLHLP SEQGAPETLQRC
 LEENQELRDAIRQSNQILRERCEELLHFQASQREEKEFLMCKFQEARLVERLGLEK
 LDLKRQKEQALREVEHLKRCQQQMAEDKASVKAQVTSLLGELQESQSRLEAATKEC
 QALEGRARAASEQARQLESEREALQQQHSVQVDQLRMQGSVEAALRMERQAAS
 EEKRKLAQLQVAYHQLFQEYDNHIKSSVVGSERKRGMQLEDLKQQLQQAEEALVAK
 QEVIDKLKEEAEQHKIVMETVPVLKAQADIYKADFQAERQAREKLAEKKELLQEQL
 QLQREYSK LKASCQESARIEDMRKRHVEVSQAPLPPAPAYLSSPLALPSQRRSPPE

 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

	EPPDFCCPKCQYQAPDMDTLQIHVMECIETRTRPLEQKLISEEDLAANDILDYKDDD DKV
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	IKBKG inhibitor of nuclear factor kappa B kinase regulatory subunit gamma [Homo sapiens (human)]
Official Symbol	IKBKG
Synonyms	IKBKG; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma; incontinentia pigmenti, IP1, IP2; NF-kappa-B essential modulator; FIP 3; FIP3; Fip3p; IKK gamma; NEMO; IKKG; IKKAP1; incontinentia pigmenti; IκB kinase gamma subunit; IκB kinase subunit gamma; NFκappaB essential modulator; NF-kappa-B essential modifier; I-kappa-B kinase subunit gamma; IκB kinase-associated protein 1; inhibitor of nuclear factor kappa-B kinase subunit gamma; IP; IP1; IP2; IPD2; FIP-3; AMCBX1; IKK-gamma;
Gene ID	8517

 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

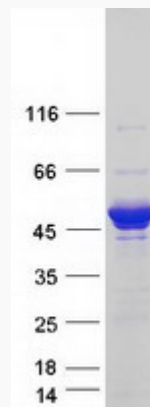
mRNA Refseq [NM_001099857](#)

Protein Refseq [NP_001093327](#)

MIM [300248](#)

UniProt ID [Q9Y6K9](#)

SDS-PAGE



 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