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

Cat. No. IKBKG-360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IKBKG MS Standard C13 and N15-labeled recombinant protein (NP_003630) 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. [provided by RefSeq, Mar 2016]
Molecular Mass	48.2 kDa
AA Sequence	MNRHLWKSQLCEMVQPSGGPAADQDVLGEESPLGKPAMLHLPSEQGAPETLQRC LEENQELRDAIRQSNQILRERCEELLHFQASQREEKEFLMCKFQEARKLVERLGLEK LDLKRQKEQALREVEHLKRCQQQMAEDKASVKAQVTSLLGELQESQSRLEAATKEC QALEGRARAASEQARQLESEREALQQQHSVQVDQLRMQGQSVEAALRMERQAAS EEKRKLAQLQVAYHQLFQEYDNHIKSSVVGSERKRGMQLEDLKQQLQQAEEALVAK QEVIDKLKEEAEQHKIVMETVPVLKAQADIYKADFQAERQAREKLAEKKELLQEQLE QLQREYSKLKASCQESARIEDMRKRHVEVSQAPLPPAPAYLSSPLALPSQRRSPPE

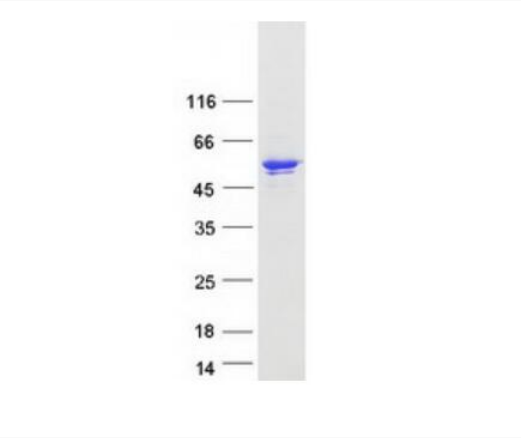
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	EPPDFCCPKCQYQAPDMDTLQIHVMECIETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 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 kappa light polypeptide gene enhancer in B-cells, kinase 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; IkB kinase gamma subunit; ikB kinase subunit gamma; NFkappaB essential modulator; NF-kappa-B essential modifier; I-kappa-B kinase subunit gamma; ikB 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

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mRNA Refseq	NM_003639
Protein Refseq	NP_003630
MIM	300248
UniProt ID	Q9Y6K9
SDS-PAGE	

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