

# Recombinant Human IKBKB protein, Flag-tagged, Biotinylated

Cat. No. IKBKB-53H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human IKK $\beta$ [1-662 amino acids of accession number NP_001547.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-662 a.a.
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Molecular Mass</b>	80 kDa
<b>Purity</b>	>90% as determined by SDS-PAGE and CBB staining
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	IKBKB inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta [ Homo sapiens ]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



<b>Official Symbol</b>	<a href="#">IKBKB</a>
<b>Synonyms</b>	IKBKB; IKK beta; IKK2; IKKB; NFKBIKB; IKK-B; I-kappa-B kinase 2; I-kappa-B-kinase beta; IKK-beta
<b>Gene ID</b>	<a href="#">3551</a>
<b>mRNA Refseq</b>	<a href="#">NM_001190720</a>
<b>Protein Refseq</b>	<a href="#">NP_001177649</a>
<b>MIM</b>	<a href="#">603258</a>
<b>UniProt ID</b>	<a href="#">O14920</a>
<b>Chromosome Location</b>	8p11.2
<b>Pathway</b>	Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem;
<b>Function</b>	ATP binding; IkappaB kinase activity; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity;

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