

## Recombinant Human IKB-beta

Cat. No. IKBKB-89H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IKB-beta was expressed in E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Molecular Mass</b>	64 kda with tag
<b>Purity</b>	>80%
<b>Applications</b>	Recommended for ELISA or Western with appropriate antibodies.
<b>Usage</b>	This item is for LABORATORY RESEARCH USE ONLY.
<b>Storage</b>	6-12 months at -20oC or below.
<b>Storage Buffer</b>	It is supplied in 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7.5.
<b>Shipping</b>	4oC for solutions and room temp for powder
<b>Warning</b>	Do not store diluted solutions at 4oC for more than a few days.

### GENE INFORMATION

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<b>Gene Name</b>	IKBKB inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta [ Homo sapiens ]
<b>Official Symbol</b>	IKBKB
<b>Synonyms</b>	IKBKB; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta; inhibitor of nuclear factor kappa-B kinase subunit beta; IKK beta; IKK2; IKKB; NFKB1KB; IKK-B; I-kappa-B kinase 2; I-kappa-B-kinase beta; nuclear factor NF-kappa-B inhibitor kinase beta; IKK-beta; FLJ33771; FLJ36218; FLJ38368; FLJ40509; MGC131801;
<b>Gene ID</b>	3551
<b>mRNA Refseq</b>	NM_001190720
<b>Protein Refseq</b>	NP_001177649
<b>MIM</b>	603258
<b>UniProt ID</b>	O14920
<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

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kinase activity; protein serine/threonine kinase activity;

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