

Active Recombinant Human IKBKE, GST-tagged

Cat. No. IKBKE-125H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length recombinant human IKK epsilon was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	IKBKE is a noncanonical I-kappa-B (see MIM 164008) kinase (IKK) that is essential for regulating antiviral signaling pathways. IKBKE has also been identified as a breast cancer (MIM 114480) oncogene and is amplified and overexpressed in over 30% of breast carcinomas and breast cancer cell lines.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	12 nmol/min/mg
Molecular Mass	110 kDa
Purity	>70%
Applications	Kinase Assay; Western Blot
Stability	1 yr at -70°C from date of shipment.

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Storage	Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.05 ug/ul
Full Length	Full L.
GENE INFORMATION	
Gene Name	IKBKE inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon [<i>Homo sapiens</i> (human)]
Official Symbol	IKBKE
Synonyms	IKBKE; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon; inhibitor of nuclear factor kappa-B kinase subunit epsilon; IKK i; IKKE; KIAA0151; IKK-epsilon; I-kappa-B kinase epsilon; inducible IkappaB kinase; IKK-related kinase epsilon; inducible I kappa-B kinase; IKKI; IKK-E; IKK-i; MGC125294; MGC125295; MGC125297
Gene ID	9641
mRNA Refseq	NM_014002
Protein Refseq	NP_054721
MIM	605048
UniProt ID	Q14164

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Chromosome Location	1q32.1
Pathway	Activated TLR4 signalling; Cytosolic DNA-sensing pathway; Herpes simplex infection
Function	ATP binding; IkappaB kinase activity; NF-kappaB-inducing kinase activity; protein binding

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