

Recombinant Human IKBKE, GST-His

Cat. No. IKBKE-2662H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IKBKE, full length, amino acids M1-V716, N-terminal GST-HIS6 fusion protein with a Thrombin cleavage site, expressed in <i>Sf9 insect cells</i> .
Species	Human
Source	Sf9 Cells
ProteinLength	1-716 a.a.
Description	Inhibitor of nuclear factor kappa-B kinase subunit epsilon is an enzyme that in humans is encoded by the IKBKE gene.
Purification	Immobilized Metal Affinity Chromatography.
Product Identity	IKK-epsilon was confirmed as IKK-epsilon by mass spectroscopy LC-ESI-MS/MS.
MW	110,059 Da.
Storage Buffer	50 mM Tris-HCl, pH 7.5; 100 mM NaCl, 5 mM DTT, 20% glycerol.
Concentration	0.055 µg/µl.
Specific Activity	42 pmol/µg×min.
Storage	-80°C. Avoid repeated freeze-thaw cycles!

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Full Length

Full L.

GENE INFORMATION

Gene Name

IKBKE inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon [Homo sapiens]

Synonyms

IKBKE; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon; I-kappa-B kinase epsilon; IKK-epsilon; IKK-related kinase epsilon; inducible I kappa-B kinase; inducible IkappaB kinase; inhibitor of nuclear factor kappa-B kinase subunit epsilon; IKKE; IKKI; IKK-E; IKK-i; KIAA0151; MGC125294; MGC125295; MGC125297; EC 2.7.11.10

Gene ID

9641

mRNA Refseq

NM_014002

Protein Refseq

NP_054721

MIM

605048

UniProt ID

Q14164

Chromosome Location

1q32.1

Pathway

Cytosolic DNA-sensing pathway; RIG-I-like receptor signaling pathway; Toll-like receptor signaling pathway; Signaling in Immune system

Function

ATP binding; IkappaB kinase activity; identical protein binding; nucleotide binding; protein heterodimerization activity; transcription activator activity; transferase activity

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