

IKK epsilon recombinant protein

IKK epsilon, Active

CATALOG # AAA72990	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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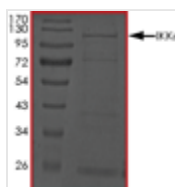
PRODUCT SYNONYMS

IKK epsilon; Active; IKK epsilon recombinant protein

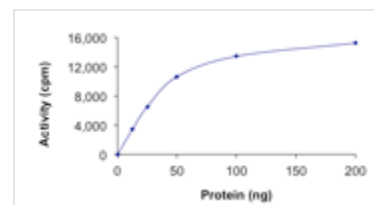
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full length
Sequence Length	3492
Applicable Applications for IKK epsilon recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for IKK epsilon recombinant protein	Description: Full length recombinant human IKK epsilon was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: IKK epsilon is a noncanonical I-kappa-B kinase (IKK) that is essential for regulating antiviral signaling pathways that has also been identified as a breast cancer oncogene and is amplified and overexpressed in over 30% of breast carcinomas and breast cancer cell lines (1). IKK-epsilon is a part of a novel PMA-inducible I-kappa-B kinase complex which play an essential role for an in triggering the host antiviral response to viral infection. IKKE plays a critical role in the IFN-inducible antiviral transcriptional response (2).
Product Categories/Family for IKK epsilon recombinant protein	Enzymes; Active Kinases

References	1. Hutti, J. E.et.al: Phosphorylation of the tumor suppressor CYLD by the breast cancer oncogene IKK-epsilon promotes cell transformation. Molec. Cell 34: 461-472, 2009. 2. tenOever, B. R. et.al: Multiple functions of the IKK-related kinase IKK-epsilon in interferon-mediated antiviral immunity. Science 315: 1274-1278, 2007.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300863152
NCBI GeneID	9641
NCBI Accession #	NM_014002.3
NCBI GenBank Nucleotide #	NM_014002
UniProt Accession #	Q14164; Q3B754; Q3KR43; Q5JTS6; D3DT78
Molecular Weight	110 kDa
NCBI Official Full Name	Homo sapiens inhibitor of nuclear factor kappa B kinase subunit epsilon (IKBKE), transcript variant 1, mRNA
NCBI Official Synonym Full Names	inhibitor of nuclear factor kappa B kinase subunit epsilon
NCBI Official Symbol	IKBKE
NCBI Official Synonym Symbols	IKKE; IKKI; IKK-E; IKK-i
NCBI Protein Information	inhibitor of nuclear factor kappa-B kinase subunit epsilon
UniProt Protein Name	Inhibitor of nuclear factor kappa-B kinase subunit epsilon
UniProt Gene Name	IKBKE
UniProt Synonym Gene Names	IKKE; IKKI; KIAA0151; I-kappa-B kinase epsilon; IKK-E; IKK-epsilon; IkbKE; IKK-i

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.