

## 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!                                                                                                                           |

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

| Full Length                | Full L.                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>GENE INFORMATION</b>    |                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>           | IKBKE inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon [ Homo sapiens ]                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>            | 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 |
| <b>Gene ID</b>             | 9641                                                                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>         | NM_014002                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>      | NP_054721                                                                                                                                                                                                                                                                                                                                                    |
| <b>MIM</b>                 | 605048                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>          | Q14164                                                                                                                                                                                                                                                                                                                                                       |
| <b>Chromosome Location</b> | 1q32.1                                                                                                                                                                                                                                                                                                                                                       |
| <b>Pathway</b>             | Cytosolic DNA-sensing pathway; RIG-I-like receptor signaling pathway; Toll-like receptor signaling pathway; Signaling in Immune system                                                                                                                                                                                                                       |
| <b>Function</b>            | ATP binding; IkappaB kinase activity; identical protein binding; nucleotide binding; protein heterodimerization activity; transcription activator activity; transferase activity                                                                                                                                                                             |

 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