

Active Recombinant Full Length Human EEF2K Protein, GST-tagged

Cat. No. EEF2K-2907HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human EEF2K [1-725(end) amino acids of accession number NP_037434.1] was expressed as N-terminal GST-fusion protein (109 kDa) using E. coli expression system. GST-EEF2K was purified by using glutathione sepharose chromatography.
Species	Human
Source	E.coli
ProteinLength	1-725
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate, Mg(or Mn)/ATP, and Ca/Calmodulin . The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	81%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name eukaryotic elongation factor-2 kinase

Official Symbol EEF2K

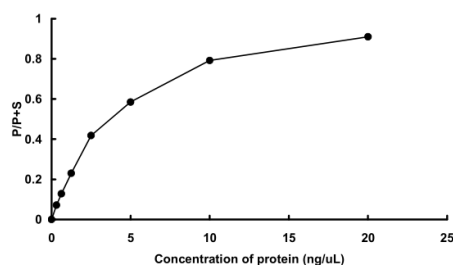
Synonyms EEF2K;CaMKIII;HSU93850;eEF-2K

Protein Refseq [NP_037434.1](#)

UniProt ID [O00418](#)

Activity data

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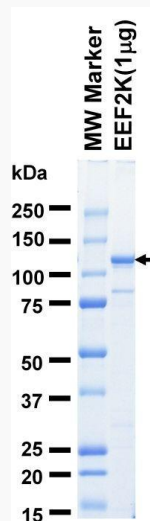
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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