

Recombinant Mouse Eef2k Protein, His&GST-tagged

Cat. No. Eef2k-1406M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Eef2k Protein (Asp30-Leu327) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp30-Leu327
Description	Enables calmodulin binding activity and elongation factor-2 kinase activity. Involved in regulation of protein autophosphorylation. Predicted to be located in dendritic spine and postsynaptic density. Is expressed in liver; lung; nervous system; and olfactory epithelium. Orthologous to human EEF2K (eukaryotic elongation factor 2 kinase).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 64 kDa Accurate Molecular Mass: 64 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 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

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Eef2k eukaryotic elongation factor-2 kinase [*Mus musculus* (house mouse)]

Official Symbol

Eef2k

Synonyms

EEF2K; eukaryotic elongation factor-2 kinase; eukaryotic elongation factor 2 kinase; eEF-2 kinase; eukaryotic elongation factor 2 kinase; calcium/calmodulin-dependent eukaryotic elongation factor 2 kinase; C86191; eEF-2K;

Gene ID

13631

mRNA Refseq

NM_001251826

Protein Refseq

NP_001238755

UniProt ID

O08796

 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