

## Recombinant Human EIF4E2 protein, T7-tagged

Cat. No. EIF4E2-154H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human EIF4E2 (245 aa) protein fused with T7 Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	245 a.a.
<b>Form</b>	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
<b>AA Sequence</b>	MASMTGGQQMGRGEFMNNKFDALKDDDSGDHDQNEENSTQKDGEKEKTERDKN QSSSKRKAVVPGPAEHPLQYNY TFWYSRRTPGRPTSSQSIEQNIKQIGTFASVEQF WRFYSHMVRPGDLTGHSDFHLFKEGIKPMWEDDANKNGGKW IIRLRKGLASRCW ENLILAMLGEQFMVGEEICGAVVSVRFQEDIISIWNKTASDQATTARIRDTLRRVNLNP PNT IMEYKTHTDSEIKMPGRLGPRQLLFQNLWKPRNLNVP
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. As soluble / native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development.2. May be used for mapping EIF4E2 protein-protein interaction.3. May be used as antigen for specific antibody production.
<b>Storage</b>	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 30 days.

 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

## GENE INFORMATION

<b>Gene Name</b>	EIF4E2 eukaryotic translation initiation factor 4E family member 2 [ Homo sapiens ]
<b>Official Symbol</b>	EIF4E2
<b>Synonyms</b>	EIF4E2; 4EHP; IF4e; eIF4E type 2; eIF-4E type 2; eIF4E-like protein 4E-LP; mRNA cap-binding protein 4EHP; eIF4E-like cap-binding protein; mRNA cap-binding protein type 3; 4E-LP; EIF4EL3;
<b>Gene ID</b>	9470
<b>mRNA Refseq</b>	NM_004846
<b>Protein Refseq</b>	NP_004837
<b>MIM</b>	605895
<b>UniProt ID</b>	O60573
<b>Chromosome Location</b>	2q37.1
<b>Pathway</b>	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; ISG15 antiviral mechanism, organism-specific biosystem; Immune System, organism-specific biosystem; Insulin signaling pathway, organism-specific biosystem; Insulin signaling pathway, conserved biosystem; Interferon Signaling, organism-specific biosystem;
<b>Function</b>	RNA cap binding; protein binding; translation factor activity, nucleic acid binding; translation initiation factor activity; ubiquitin protein ligase binding;

 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