

Recombinant Human EIF4E2 protein, T7-tagged

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

SPECIFICATION

Product Overview	Recombinant human EIF4E2 (245 aa) protein fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	245 a.a.
Form	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.
AA Sequence	MASMTGGGQMGRGEFMNNKFDALKDDDSGDHDQNEENSTQKDGEKEKTERDKN QSSSKRKAVVPGPAEHPLQYNY TFWYSRRTPGRPTSSQSYEQNIQIGTFASVEQF WRFYSHMVRPGDLTGHSDFHLFKEGIKPMWEDDANKNGGKW IIRLRKGLASRCW ENLILAMLGEQFMVGEEICGAVVSVRFQEDIISIWNKTASDQATTARIRDTLRRVLNLP PNT IMEYKTHTDSEIKMPGRLGPQRLLFQNLWKPRNLNVP
Purity	>90% by SDS-PAGE
Applications	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.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 30 days.

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GENE INFORMATION

Gene Name	EIF4E2 eukaryotic translation initiation factor 4E family member 2 [Homo sapiens]
Official Symbol	EIF4E2
Synonyms	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;
Gene ID	9470
mRNA Refseq	NM_004846
Protein Refseq	NP_004837
MIM	605895
UniProt ID	O60573
Chromosome Location	2q37.1
Pathway	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;
Function	RNA cap binding; protein binding; translation factor activity, nucleic acid binding; translation initiation factor activity; ubiquitin protein ligase binding;

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