

## Recombinant Human EIF4E2 protein, His-tagged

**Cat. No.** EIF4E2-155H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EIF4E2 protein(O60573)(1-245aa), fused with C-terminal His tag, was expressed in E.coli.                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-245aa                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                      |
| <b>Molecular Mass</b>   | 35.3 kDa                                                                                                                                                                                                                                                                |
| <b>AASequence</b>       | MNNKFDALKDDDDSGDHDQNEENSTQKDGEKEKTERDKNQSSSKRKAVVPGPAEH<br>PLQYNYTFWYSRRTPGRPTSSQSYEQNIKQIGTFASVEQFWRFYSHMVRPGDLTG<br>HSDFHFLFKEGIKPMWEDDANKNGGKWIIRLRKGLASRCWENLILAMLGEQFMVGEEI<br>CGAVVSVRFQEDIISIWNKTASDQATTARIRDTLRRVLNLPNTIMEYKTHTDSEIKMP<br>GRLGPQRLLFQNLWKPRLNVP |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                          |

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**GENE INFORMATION**

**Gene Name** EIF4E2 eukaryotic translation initiation factor 4E family member 2 [ Homo sapiens ]

**Official Symbol** EIF4E2

**Synonyms**

EIF4E2; eukaryotic translation initiation factor 4E family member 2; EIF4EL3, eukaryotic translation initiation factor 4E like 3; eukaryotic translation initiation factor 4E type 2; 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; eukaryotic translation initiation factor 4E-like 3; eukaryotic translation initiation factor 4E member 2; eukaryotic translation initiation factor 4E homologous protein; 4E-LP; EIF4EL3;

**Gene ID** 9470

**mRNA Refseq** NM\_004846

**Protein Refseq** NP\_004837

**MIM** 605895

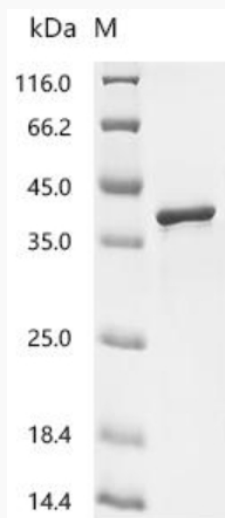
**UniProt ID** O60573

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## SDS-PAGE



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