# Recombinant Human EIF4E2 Protein, GST-tagged

**Cat. No.** EIF4E2-3200H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human EIF4E2 full-length ORF ( AAH05874, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | EIF4E2 (Eukaryotic Translation Initiation Factor 4E Family Member 2) is a Protein Coding gene. Among its related pathways are Interferon gamma signaling and Innate Immune System. GO annotations related to this gene include poly(A) RNA binding and ubiquitin protein ligase binding. An important paralog of this gene is EIF4E. |
| **Molecular Mass** | 52.69 kDa |
| **AA Sequence** | MNNKFDALKDDDSGDHDQNEENSTQKDGEKEKTERDKNQSSSKRKAVVPGPAEH PLQYNYTFWYSRRTPGRPTSSQSYEQNIKQIGTFASVEQFWRFYSHMVRPGDLTG HSDFHLFKEGIKPMWEDDANKNGGKWIIRLRKGLASRCWENLILAMLGEQFMVGEEI CGAVVSVRFQEDIISIWNKTASDQATTARIRDTLRRVLNLPPNTIMEYKTHTDSIKMP GRLGPQRLLFQNLWKPRLNVP |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |

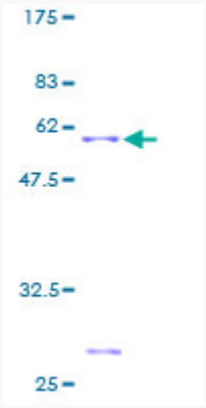
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| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **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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| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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