

## Active Recombinant Full Length Human EIF4EBP1 Protein, GST-tagged

**Cat. No.** EIF4EBP1-9243HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human EIF4EBP1 [1-118(end) amino acids of accession number NP_004086.1] was expressed as N-terminal GST-fusion protein (39 kDa) using E.coli expression system. GST-EIF4EBP1 was purified by using glutathione sepharose chromatography        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-118(end)                                                                                                                                                                                                                                                 |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                   |
| <b>Bio-activity</b>     | The phosphorylational ability of the protein was determined by ELISA. The substrate protein was incubated with the indicated enzyme. Phosphorylation was detected by anti-phospho antibody and HRPlabeled anti-rabbit IgG (or HRP-labeled anti-mouse IgG). |
| <b>Purity</b>           | 65%                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                               |

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## GENE INFORMATION

**Gene Name** eukaryotic translation initiation factor 4E binding protein 1

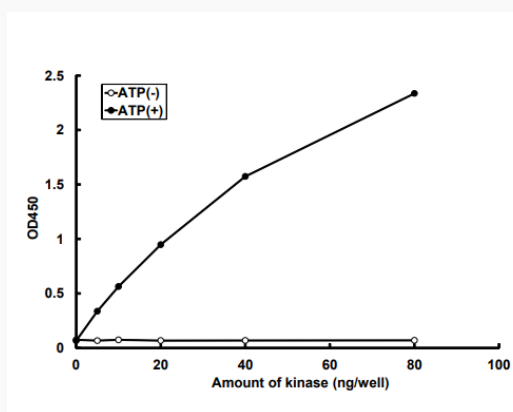
**Official Symbol** EIF4EBP1

**Synonyms** BP-1; 4EBP1; 4E-BP1; PHAS-I

**Protein Refseq** [NP\\_004086.1](#)

**UniProt ID** [Q13541](#)

### Activity data

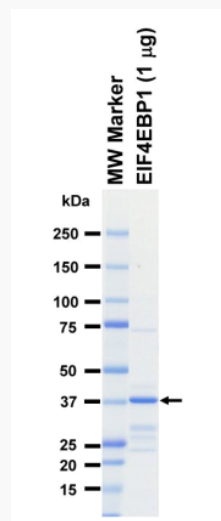


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**SDS-PAGE**

The purity was assessed by SDS-PAGE/CBB staining.

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