

## Recombinant Human EIF3E protein, His-tagged

**Cat. No.** EIF3E-3596H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EIF3E protein(146-445 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 146-445 aa                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                              |
| <b>AA Sequence</b>      | GAAEYLYFFRVLVPATDRNALSSLWGKLASEILMQNWDAAMEDLTRLKETIDNNSVS<br>SPLQSLQQRTWLIHWSLFVFFNHPKGRDNIIDFLYQPQYLNAIQTMCPHILRYLT<br>TAVITNKDVRKRRQVLKDLVKVIQQESYTYKDPITEFVECLYVNFDFDGAQKKLRECE<br>SVLVNDFFLVACLEDFIENARLFIFETFCRIHQCSINMLADKLNMTPEEAERWIVNLIR<br>NARLDAKIDSKLGHVVMGNNNAVSPYQQVIEKTKSLSFERSQMLAMNIEKKLNQNSR<br>SEAPNWATQDSGFY |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw                                                                                                     |

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

EIF3E eukaryotic translation initiation factor 3, subunit E [ Homo sapiens ]

**Official Symbol**

EIF3E

**Synonyms**

EIF3E; eukaryotic translation initiation factor 3, subunit E; EIF3S6, eukaryotic translation initiation factor 3, subunit 6 48kDa , INT6; eukaryotic translation initiation factor 3 subunit E; eIF3 p48; eIF3e; eIF-3 p48; mammary tumor-associated protein INT6; viral integration site protein INT-6 homolog; eukaryotic translation initiation factor 3 subunit 6; murine mammary tumor integration site 6 (oncogene homolog); eukaryotic translation initiation factor 3, subunit 6 48kDa; eukaryotic translation initiation factor 3, subunit 6 (48kD); INT6; EIF3S6; EIF3-P48; eIF3-p46;

**Gene ID**

3646

**mRNA Refseq**

NM\_001568

**Protein Refseq**

NP\_001559

**MIM**

602210

**UniProt ID**

P60228

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