

## Recombinant Human EIF6 protein, GST-tagged

**Cat. No.** EIF6-12391H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EIF6 protein(1-245 aa), fused with GST tag, was expressed in E.coli.                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-245 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| <b>AA Sequence</b>      | MAVRASFENNCEIGCFAKLNTYCLVAIGGSENFYSVFEGELSDTIPVVHASIAGCRII<br>GRMCVGNRHGLLVPNNTTDQELQHIRNSLPDTVQIRRV EERLSALGNVTTTCNDYVA<br>LVHPDL DRETEEILADV LKVEVFRQTVADQVLVGSYCVFSNQGGGLVHPKTSIEDQDE<br>LSSLLQVPLVAGTVNRGSEVIAAGMVVNDWCAFCGLDTTSTELSVVESVFKLNEAQ<br>PSTIATSMRDSLIDSLT    |
| <b>Purity</b>           | 85%, 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 cycles.                                         |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | EIF6 eukaryotic translation initiation factor 6 [ Homo sapiens ]                                                                                                                                                                                                     |
| <b>Official Symbol</b> | EIF6                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | EIF6; eukaryotic translation initiation factor 6; EIF3A, integrin beta 4 binding protein , ITGB4BP; b(2)gcn; p27BBP; B4 integrin interactor; p27 beta-4 integrin-binding protein; eukaryotic translation initiation factor 3A; CAB; EIF3A; eIF-6; ITGB4BP; p27(BBP); |
| <b>Gene ID</b>         | 3692                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_002212                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_002203                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 602912                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | P56537                                                                                                                                                                                                                                                               |

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