

## Recombinant Human EEF2 protein, His-tagged

Cat. No. EEF2-2835H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EEF2 protein(P13639)(2-858aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-858aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	99.2 kDa
<b>AA Sequence</b>	<p>VNFTVDQIRAIMDKKANIRNMSVIAHVDHGKSTLTDSLVCAGIIASARAGETRFTDTR            KDEQERCITIKSTAISLFYELSENDLNFQKQSKDGAGFLINLIDSPGHVDFSSEVTAALR            VTDGALVVVDCVSGVCVQTETVLRQAIARIKPVLMMNKMDRALLELQLEPEELYQT            FQRIVENVNVIIISTYGEGESGPMGNIMIDPVLGTVGFGSGLHGWAFTLKQFAEMYVA            KFAAKGEGQLGPAERAKKVEDMMKKLWGDYFDPANGKFSKSATSPEGKKLPRTF            CQLILDPIFKVFDAIMNFKKEETAKLIEKLDIKLDSKDKKEGKPLLKAVMRRWLPAGD            ALLQMITIHLPSVTAQKYRCELLYEGPPDDEAAMGIKSCDPKGPLMMYISKMVPTS            DKGRFYAFGRVFSGLVSTGLKVRIMGPNYTPGKKEDLYLKPIQRTILMMGRYVEPIE            DVPCGNIVGLVGVDQFLVKTGTITTFEHAHNMRVMKFSVSPVVRVAVEAKNPADLPK</p>

 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

LVEGLKRLAKSDPMVQCIIIEESGEHIIAGAGELHLEICLKDLEEDHACIPIKKSDPVVSY  
 RETVSEESNVLCLSKSPNKHNRLYMKARPPFDGLAEDIDKGEVSARQELKQRARYL  
 AEKYEWDVAEARKIWCFGPDGTGPNILTDITKGVQYLNEIKDSVVAGFQWATKEGAL  
 CEENMRGVRFDVHDVTLHADAIHRGGGQIIPARRCLYASVLTAQPRLMEPIYLVEIQ  
 CPEQVVGGIYGVLNRKRGHVFEESQVAGTPMFVVKAYLPVNESFGFTADLRNTGG  
 QAFPQCVFDHWQILPGDPFDNSSRPSQVVAETRKRKGLKEGIPALDNFLDKL

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** 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. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [EEF2 eukaryotic translation elongation factor 2 \[ Homo sapiens \]](#)

**Official Symbol** [EEF2](#)

**Synonyms** EEF2; eukaryotic translation elongation factor 2; EF2; elongation factor 2; EEF 2; polypeptidyl tRNA translocase; polypeptidyl-tRNA translocase; EF-2; EEF-2;

**Gene ID** [1938](#)

**mRNA Refseq** [NM\\_001961](#)

**Protein Refseq** [NP\\_001952](#)

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<b>MIM</b>	130610
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<b>UniProt ID</b>	P13639
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