

Recombinant Human EEF2 protein, His-tagged

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

SPECIFICATION

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

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LVEGLKRLAKSDPMVQCIIEESGEHIIAGAGELHLEICLKDLEEDHACIPIKKSDPVVSY
 RETVSEESNVLCCLKSPNKHNRLYMKARPPFDGLAEDIDKGEVSARQELKQRARYL
 AEKYEWDVAEARKIWCFGPDGTGPNILTDITKGVQYLNEIKDSVVAGFQWATKEGAL
 CEENMRGVRFDVHDVTLHADAIHRGGGQIIPARRCLYASVLTAPRLMEPIYLVEIQ
 CPEQVVGGIYGVLNRKRGHVFEEESQVAGTPMFVVKAYLPVNESFGFTADLRNTGG
 QAFPQCVFDHWQILPGDPFDNSSRPSQVVAETRKRKGLKEGIPALDNFLDKL

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

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple 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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MIM	130610
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UniProt ID	P13639
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