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EEF2, 574-858aa, Human, His tag, E.coli

产品货号: TP01974

第三版

别名:elongation factor 2, EEF-2, EF-2, EF2

**描述:**EEF2 is a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation. Recombinant human EEF2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

**分子量:**34.3 kDa (308aa)

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSDPVVSYRETVSEESNVLCLSKSPNKHNRLYMKARPPDGLAEDIDKGEVSARQELK  
QRARYLAEKYEWDVAEARKIWCFGPDGTGPNILTDITKGVQYLNEIKDSVVAGFQWATKEGALCEENMRGVRFDVHD  
VTLHADAIHRGGGQIIPTARRCLYASVLTAAQRLMEPIYLVEIQCPQVVGGIYGVNLRKRKRGHVFEEESQVAGTPMFVKA  
YLPVNESFGFTADLRNTGGQAFQCVFDHWQILPGDPFDNSSRPSQVVAETRKRKGLKEGIPALDNFLDKL

**纯度:**> 95% by HPLC

**浓度:**1mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.