

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

EEF1G, 1-437aa, Human, His tag, E.coli

产品货号: TP01973

第三版

别名: Elongation factor 1-gamma, EF1G, GIG35, EF-1-gamma, Elongation factor 1 gamma, GIG35, PRO1608

描述: Elongation factor 1-gamma, also known as EEF1G, is a multi-protein complex that is responsible for the delivery of aminoacyl-tRNAs to the ribosome. This subunit contains an N-terminal glutathione transferase domain, which may be involved in regulating the assembly of multisubunit complexes containing this elongation factor and aminoacyl-tRNA synthetases. Increased expression of EEF1G is associated with pancreatic cancer, suggesting a possible role for EEF1G in the oncogenic transformation process. Recombinant human EEF1G protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 52.5 kDa (460aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMAGTLYTYPENWRAFKALIAAQYSGAQVRVLSAPPHFHFQGQTNRTPEFLRKFPAGKVPAFEGDDGFCVFESNAIAYYVSNEELRGSTPEAAAQVVQWVSFADSDIVPPASTWVFPTLGLIMHHNKQATENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVVCTLLWLYKQVLEPSFRQAFPNTNRWFLTCINQPQFRAVLGEVKLCEKMAQFDAQKFAETQPKKDTPRKEKGSREEKQKPKQAERKEEKAAAPAPEEEMDECEQALAAEPKAKDPFAHLPKSTFVLDEFK RKYSNEDTSLVALPYFWEHFDKDGWLSLWYSEYRFPEELTQTFMSCNLITGMFQRLDKLRKNAFASVILFGTNNSSISGVWVFRGQELAFPLSPDWQVDYESYTWKLDPGSEETQTLVREYFSWEGAFQHVKGAFNQGKIFK

纯度: > 95% by HPLC

浓度: 1 mg/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.