

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。

GTF2E2, 1-291aa, Human, His tag, E.coli

产品货号: TP02369

第三版

别名: Transcription initiation factor IIE subunit beta, FE, TF2E2, TFIIE-B.

描述: GTF2E2, also known as TFIIE, is essential for transcription initiation by RNA polymerase II in conjunction with other general factors. TFIIE is a heterotetramer containing two subunits of relative molecular mass 57,000 (TFIIE-alpha) and two of 34,000 (TFIIE-beta). TFIIE-beta is required in conjunction with TFIIE-alpha for transcription initiation. GTF2E2 recruits TFIIH to the initiation complex and stimulates the RNA polymerase II Cterminal domain kinase and DNA-dependent ATPase activities of TFIIH.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.1M NaCl, 1mM DTT

分子量: 35.6 kDa (315aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMDPSLLRERELFKKRALSTPVVEKRSASSESSSSSSKKKTKVEHGGSSGSKQNSDH
SNGSFNLKALSGSSGYKFGVLAKIVNYMKTRHQRGDTHPLTLDEILDETQHLDIGLKQKQWLMTEALVNNPKIEVIDGKY
AFKPKYNVRDKKALLRLLDQHDQRGLGGILLEDIEEALPNSQKAVKALGDQILFVNRPKKKILFFNDKSCQFSVDEEFQK
LWRSVTVDMSMDEEKIEEYLKRQGISSMQESGPKKVAPIQRRKKPASQKKRRFKTHNEHLAGVLKDYS DITSSK

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.