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TCEB1, 1-112 aa, Human, His tag E.coli

产品货号: TP04167

第三版

别名: Transcription elongation factor B polypeptide 1, SIII, Elongin-C

描述: TCEB1 (elongin C) is a subunit of elongin, which is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template encoded arresting sites. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau (VHL) tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation. Recombinant human TCEB1 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 10% glycerol, 1mM DTT, 0.15M NaCl.

分子量: 14.6 kDa (132aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMDGEEKTYGGCEGPDAMYVKLISSDGHEFIVKREHALTSGTIKAMLSGPGQFAENETNE
VNFREIPSHVLSKVCMYFTYKVRYSSTEIPEFPIAPEIALELLMAANFLDC

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford)

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.