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SSU72, 1-194aa, Human, His tag, E.coli

产品货号: TP04041

第三版

别名:SSU72 RNA polymerase II CTD phosphatase homolog, HSPC182, PNAS-120

描述:SSU72 RNA polymerase II CTD phosphatase homolog, also known as SSU72, is a highly conserved homologue of yeast Ssu72, a CTD phosphatase and a component of the polyadenylation/ termination machinery. Existing as multiple alternatively spliced isoforms, SSU72 interacts with TFIIB, Rb and DNAM-1 and functions to catalyze the dephosphorylation of target proteins, possibly playing a role in RNA processing and termination via dephosphorylation of Pol II. Recombinant human SSU72 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 1mM DTT, 10% glycerol, 0.1M NaCl

分子量:25 kDa (217aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMPSPLRVAVVCSSNQNRSM EAHNILSKRGFSVRSFGTGTHVKLPGPAPDKPNVYD  
FKTTYDQMYNDLLRKDKELYTQNGILHMLDRNKRIKPRPERFQNC KDLFDLILTCEERVYDQVVEDLNSREQETCQPVH  
VVNVDIQDNHEEATLGAFLICELCQCIQHTEDMENEIDELLQEFEEKSGRTFLHTVCFY

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.