

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

KIAA0101, 1-111aa, Human, His tag, E.coli

产品货号: TP02725

第三版

别名: KIAA0101, L5, NS5ATP9, OEATC, OEATC-1, OEATC1, p15(PAF), p15/PAF, p15PAF, PAF, PAF15

描述: KIAA0101 is a PCNA-binding protein that acts as a regulator of DNA repair during DNA replication. Following DNA damage, the interaction with PCNA is disrupted, facilitating the interaction between monoubiquitinated PCNA and the translesion DNA synthesis DNA polymerase eta (POLH) at stalled replisomes, facilitating the bypass of replication-fork-blocking lesions. This protein also acts as a regulator of centrosome number. Recombinant human KIAA0101 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: 14.4 kDa (134aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMVRTKADSVPGTYRKVVAAARAPRKVLGSSTSATNSTSVSSRKAENKYAGGNPVCV
RPTPKWQKGIGEFFRLSPKDSEKENQIPEEAGSSGLGKAKRKACPLQPDHTNDEKE

纯度: > 95% by HPLC

浓度: 0.5 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.