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SKA1, 1-255aa Human, His tag, E.coli

产品货号: TP03952

第三版

别名: Spindle and kinetochore-associated protein 1, C18orf24

描述: SKA1, as known as spindle and kinetochore-associated protein 1, is a direct component of the kinetochore-microtubule interface and directly associates with microtubules as oligomeric assemblies. The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner. In the complex, it mediates the interaction with microtubules. Recombinant human SKA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量: 31.9 kDa(278aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMASDLEQLCSHVNEKIGNIKKTLRLNCGQEPTLKTVLNKIGDEIIVINELLNKLEL
EIQYQEQTNNSLKELCESLEEDYKDIEHLKENVPSHLPQVTVTQSCVKGSDLDPEEPIKVEEPEPVKKPPKEQRSIKEMPFIT
CDEFNGVPSYMKSRITYNQINDVIKEINKAVISKYKILHQPCKSMNSVTRNLYHRFIDEETKDTKGRYFIVEADIKFTTLKA
DKKFHVLLNLRHCRRLSEVRGGGLTRYVIT

纯度: > 95% by HPLC

浓度: 0.25 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.