

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

Cat.NO.: TP03952

3th Edition

Synonyms:Spindle and kinetochore-associated protein 1 , C18orf24

Description: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.

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

Molecular Weight:31.9 kDa(278aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMASDLEQLCSHVNEKIGNIKKTLSLRNCGQEPTLKTVLNKIGDEIIVINELLN
KLELEIQYQEQTNNLSLKELCESLEEDYKDIEHLKENVPSHLPQVTVTQSCVKGSDDLDPPEPIKVEEPEPVKKPPKEQ
RSIKEMPFITCDEFNGVPSYMKSRILTYNQINDVIKEINKAVISKYKILHQPKKSMNSVTRNLYHRFIDEETKDTKGRYFI
VEADIKEFTTLKADKKFHVLLNLRHCRRLSEVRGGGLTRYVIT

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.