

## 32-4863: Recombinant Human Spindle And Kinetochore Associated Complex Subunit 1

**Alternative Name :** Spindle and kinetochore-associated protein 1, SKA1, C18orf24, Spindle And Kinetochore Associated Complex Subunit 1.

### Description

Source : Escherichia Coli. SKA1 Human Recombinant produced in E. coli is a single polypeptide chain containing 278 amino acids (1-255) and having a molecular mass of 31.9 kDa. SKA1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Spindle And Kinetochore Associated Complex Subunit 1 (SKA1) is a part of the kinetochore-microtubule interface which associates with microtubules as oligomeric assemblies. The complex facilitates the processive movement of microspheres along a microtubule in a depolymerization-coupled manner. SKA1 is necessary for timely anaphase onset during mitosis, when chromosomes undergo bipolar attachment on spindle microtubules leading to silencing of the spindle checkpoint.

### Product Info

**Amount :** 5 µg  
**Purification :** Greater than 80.0% as determined by SDS-PAGE.  
**Content :** The SKA1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.1M NaCl.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMASDLE QLCSHVNEKI GNIKKTLRLR NCGQEPTLKT  
 VLNKIGDEII VINELLNKLE LEIQYQEQTN NSLKELCESL EEDYKDIEHL KENVPSHLPQ  
 VTVTQSCVKG SLDLPEEPIK VEEPEPVKKP PKEQRSIKEM PFITCDEFNG VPSYMKSRIT  
 YNQINDVIKE INKAVISKYK ILHQPKKSMN SVTRNLYHRF IDEETKDTKG RYFIVEADIK  
 EFTTLKADKK FHVLLNLRH CRRLSEVRGG GLTRYVIT.

