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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 MGSMASSDLE QLCSHVNEKI GNIKKTLSLR NCGQEPTLKT VLNKIGDEII VINELLNKLE LEIQYQEQTN NSLKELCESL EEDYKDIEHL KENVPSHLPQ VTVTQSCVKG SDLDPEEPIK VEEPEPVKKP PKEQRSIKEM PFITCDEFNG VPSYMKSRLT YNQINDVIKE INKAVISKYK ILHQPKKSMN SVTRNLYHRF IDEETKDTKG RYFIVEADIK EFTTLKADKK FHVLLNILRH CRRLSEVRGG GLTRYVIT.