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SKA1 Human

Spindle And Kinetochore Associated Complex Subunit 1 Human Recombinant RCP2114

Product Overview

Name	SKA1 Human

Description

Spindle And Kinetochore Associated Complex Subunit 1 Human Recombinant

Accession (Primary)	Q96BD8

Synonyms

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

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The SKA1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.1M NaCl.

Stability

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.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MASSDLE QLCSHVNEKI GNIKKTLSLR NCGQEPTLKT VLNKIGDEII VINELLNKLE LEIQYQEQTN NSLKELCESL EEDYKDIEHL KENVPSHLPQ VTVTQSCVKG SDLDPEEPIK VEEPEPVKKP PKEQRSIKEM PFITCDEFNG VPSYMKSRLT YNQINDVIKE INKAVISKYK ILHQPKKSMN

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SVTRNLYHRF IDEETKDTKG RYFIVEADIK EFTTLKADKK FHVLLNILRH CRRLSEVRGG GLTRYVIT.

Precautions

SKA1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96BD8)