

## Recombinant Human SKA1, His-tagged

**Cat. No.** SKA1-5100H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SKA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
<b>Molecular Mass</b>	31.9 kDa(278aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMASDLE QLCSHVNEKI GNIKKTLSLR NCGQEPTLKT VLNKIGDEII VINELLNKLE LEIQYQEQTN NSLKELCESL EEDYKDIEHL KENVPSHLPQ VTVTQSCVKG SLDPEEPIK VEEPEPVKKP PKEQRSIKEM PFITCDEFNG VPSYMKSRILT YNQINDVIKE INKAVISKYK ILHQPCKSMN SVTRNLYHRF IDEETKDTKG RYFIVEADIK EFTTLKADKK FHVLLNILRH CRRLSEVRGG GLTRYVIT
<b>Purity</b>	>80% by SDS - PAGE

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<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SKA1 spindle and kinetochore associated complex subunit 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	SKA1
<b>Synonyms</b>	SKA1; spindle and kinetochore associated complex subunit 1; C18orf24, chromosome 18 open reading frame 24; spindle and kinetochore-associated protein 1; MGC10200; spindle and KT (kinetochore) associated 1; C18orf24;
<b>Gene ID</b>	<a href="#">220134</a>
<b>mRNA Refseq</b>	<a href="#">NM_001039535</a>
<b>Protein Refseq</b>	<a href="#">NP_001034624</a>
<b>UniProt ID</b>	<a href="#">Q96BD8</a>
<b>Chromosome Location</b>	18q21.1
<b>Pathway</b>	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-

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specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem;

**Function**

microtubule binding; protein binding;

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