

Recombinant Mouse Ska3 Protein, Myc/DDK-tagged

Cat. No. Ska3-5892M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length spindle and kinetochore associated complex subunit 3 (Ska3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation. The SKA1 complex 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 microtubule-stimulated oligomerization. Affinity for microtubules is synergistically enhanced in the presence of the ndc-80 complex and may allow the ndc-80 complex to track depolymerizing microtubules.
Molecular Mass	45.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Ska3 spindle and kinetochore associated complex subunit 3 [Mus musculus (house mouse)]
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Official Symbol	Ska3
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Synonyms	Ska3; spindle and kinetochore associated complex subunit 3; F630043A04Rik; spindle and kinetochore-associated protein 3
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Gene ID	219114
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mRNA Refseq	NM_198605
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Protein Refseq	NP_941007
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UniProt ID	Q8C263
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