

Datasheet for ABIN7559113  
**SKA3 Protein (AA 1-411) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SKA3
Protein Characteristics:	AA 1-411
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SKA3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Ska3 Protein expressed in mammalian cells.
Sequence:	<p>MNPIQSFHCK LRGLATTLDS ETARLLRALD GEDSDFEDSP GRILHDLHSE VQTLKDNVNA LLDEARLENQ ESTRFKKATK ILMEKNSADV RKLREFFQKY GYQARDKEDS GCEHRVNNST PELAVCKDIQ KAGVKELSDP CVPSGSVSEE PLRSPQLSDF GLQRYIISQV PANPPQTAAS LKEERVAETP PAKDPSVQVL KTPRCALRMD DFECETPKLE HFGISEHTMC LNEDYTMGLK NMKNIKSSLL SGVSGEAIGT GPVTSDNSFA IPGPIIQME ENDVEYVSSP LPPKFCTPGL KIPSTMDRTD LVSIDYPLSK PNSSSTDLEI KDCVPLILNS DECYQSFAEP PSSAITSCEN FATPSPPKVT AIPEDILQMI TKHSSNLASP LDVKVMPRRK GTRGAANKEN W <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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### Characteristics:

### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

SKA3

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### Alternative Name:

Ska3 ([SKA3 Products](#))

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### Background:

Spindle and kinetochore-associated protein 3,FUNCTION: 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. {ECO:0000250|UniProtKB:Q8IX90}.

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### Molecular Weight:

45.4 kDa

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### UniProt:

[Q8C263](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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