

Datasheet for ABIN7546303  
**SPC25 Protein (AA 1-224) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SPC25
Protein Characteristics:	AA 1-224
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPC25 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SPC25 Protein expressed in mammalian cells.
Sequence:	MVEDELALFD KSINEFWNKF KSTDTSCQMA GLRDTYKDSI KAF AEKLSVK LKEEERMVEM FLEYQNQISR QNKLIQEKKD NLLKLIAEVK GKKQELEVELT ANIQDLKEEY SRKKETISTA NKANAERLKR LQKSADLYKD RLGLEIRKIY GEKLQFIFTN IDPKNPESPF MFSLHLNEAR DYEVS DSAPH LEGLAEFQEN VRKTNNFSAF LANVRKAFTA TVYN <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>
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.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	SPC25
Alternative Name:	SPC25 ( <a href="#">SPC25 Products</a> )
Background:	Kinetochores protein Spc25 (hSpc25),FUNCTION: Acts as a component of the essential kinetochores-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity (PubMed:14699129, PubMed:14738735). Required for kinetochores integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochores (PubMed:14738735, PubMed:14699129). The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules (PubMed:23085020). {ECO:0000269 PubMed:14699129, ECO:0000269 PubMed:14738735, ECO:0000269 PubMed:23085020}.
Molecular Weight:	26.2 kDa
UniProt:	<a href="#">Q9HBM1</a>

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## 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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## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months