

Datasheet for ABIN7546202
SPC24 Protein (AA 1-197) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SPC24
Protein Characteristics:	AA 1-197
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPC24 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SPC24 Protein expressed in mammalian cells.
Sequence:	MAAFRDIEEV SQGLLSLLGA NRAEAQQRRL LGRHEQVVER LLETQDGAEK QLREILTMEK EVAQSLLNAK EQVHQGGVEL QQLEAGLQEA GEEDTRLKAS LLQLTRELEE LKEIEADLER QEKEVDEDTT VTIPSAVYVA QLYHQVSKIE WDYECEPGMV KGIHHGPSVA QPIHLDSTQL SRKFISDYLW SLVDTEW 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.
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">• 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

Product Details

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.

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

Grade:	custom-made
--------	-------------

Target Details

Target:	SPC24
---------	-------

Alternative Name:	SPC24 (SPC24 Products)
-------------------	--

Background:	Kinetochole protein Spc24 (hSpc24),FUNCTION: Acts as a component of the essential kinetochole-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity (PubMed:14738735). Required for kinetochole integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochole (PubMed:14738735). 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:14738735, ECO:0000269 PubMed:23085020}.
-------------	---

Molecular Weight:	22.4 kDa
-------------------	----------

UniProt:	Q8NBT2
----------	------------------------

Application Details

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.
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

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