

Product datasheet

Recombinant Human SKA2 protein (Tagged) ab199577

Description

Product name	Recombinant Human SKA2 protein (Tagged)	
Purity	> 90 % SDS-PAGE. ab199577 was refolded using a unique temperature shift inclusion body refolding technology and chromatographically purified.	
Expression system	Escherichia coli	
Accession	Q8WVK7	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MASMTGGQQMGRGHHHHHHGPNLYFQGGFEAEVDKLEL MFQKAESLDLYI QYRLEYEIKTNHPDSASEKNPVTLLKELSVIKSRYQTLYARF KPVAVEQK ESKSRICATVKKTMNMIQKLQKQTDLELSPLTKEEKTAEE QFKFHMPDL	
Predicted molecular weight	17 kDa including tags	
Amino acids	2 to 121	
Additional sequence information	Full length protein without starter Methionine, constructed with a small T7-His-TEV cleavage site Tag (29 amino acids) fusion at the N-terminal.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab199577** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00
Constituent: 0.32% Tris HCl

Contains NaCl, KCl, EDTA, Sucrose, DTT.

General Info

Function	Component of the SKA1 complex, a microtubule-binding subcomplex of the outer kinetochore that is essential for proper chromosome segregation. Required for timely anaphase onset during mitosis, when chromosomes undergo bipolar attachment on spindle microtubules leading to silencing of the spindle checkpoint. 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 is required for SKA1 localization.
Sequence similarities	Belongs to the SKA2 family.
Cellular localization	Cytoplasm > cytoskeleton > spindle. Chromosome > centromere > kinetochore. Localizes to the outer kinetochore and spindle microtubules during mitosis in a NDC80 complex-dependent manner. Localizes to both the mitotic spindle and kinetochore-associated proteins.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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