

Product datasheet

Recombinant Human Kinetochore protein ab160631

1 Image

Description

Product name	Recombinant Human Kinetochore protein	
Expression system	Wheat germ	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	DPQVILKQLEEhMNTGQLAGFSHQIRSLILNNIINKKEFGI LAKTKYFQM LKMHAMNTNNITELVNYLANDLSLDEASVLITEYSKHCG KPVPPTAPCE ILKMFLSGLS	
Amino acids	2100 to 2209	
Tags	GST tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160631** in the following tested applications.

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

Applications	Western blot
	ELISA
Form	Liquid

Additional notes

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Relevance

The kinetochore is the protein structure in eukaryotes which assembles on the centromere and links the chromosome to microtubule polymers from the mitotic spindle during mitosis and meiosis. The kinetochore contains two regions: an inner kinetochore, which is tightly associated with the centromere DNA; and an outer kinetochore, which interacts with microtubules. Even the simplest kinetochores consist of more than 45 different proteins, many of which are conserved throughout eukaryote species.

Cellular localization

Cytoplasmic and Nuclear

Images



ab160631 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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