

Datasheet for 009-001-S21S**INCENP protein-HIS Epitope****Overview**

Description:	INCENP recombinant protein-HIS Epitope - 009-001-S21S
Item No.:	009-001-S21S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	INCENP or inner centromere protein antigens 135/155kDa is a constitutively binding centromere proteins and 'passenger,' or transiently interacting, proteins. The overexpression of a truncation mutant of chicken INCENP and a chimeric CENPB:INCENP protein in mammalian cell culture disrupted both prometaphase chromosome alignment and completion of cytokinesis (1). INCENP forms a complex with the evolutionarily conserved family of Aurora B kinases which helps coordinate chromosome segregation, spindle behavior, and cytokinesis during mitosis (2). INCEP Protein is ideal for investigators involved in Signaling Proteins, Microtubule/Actin Associated Proteins, Cell Cycle, and Invasion/Metastasis research.
Synonyms:	FLJ31633, MGC111393, Inner centromere protein, INCENP
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	INCENP
Purity/Specificity:	Recombinant human INCENP (783-end) was expressed by baculovirus in Sf9 insect cells using an N-Terminal his epitope. The purity was determined to be >90% by densitometry.
Relevant Links:	• NCBI - NM_001040694

Application Details

Application Note:	INCENP Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. INCENP Protein is suitable for use in Western Blot. Expect a band approximately ~19kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.1 µg/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

