

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

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