Inner Centromere Protein (INCENP) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Inner centromere protein (Incenp), Recombinant Protein
Full Product Name	Recombinant Mouse Inner centromere protein (Incenp) , partial
Product Gene Name	Incenp recombinant protein
Product Synonym Gene Name	Incenp
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	100,772 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9WU62
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Incenp recombinant protein	MBS1349448 is a recombinant protein targeting Incenp. Also known as Recombinant Mouse Inner centromere protein (Incenp) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Incenp recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Incenp. It may not necessarily be applicable to this product.

NCBI GI #	153792192
NCBI GeneID	16319
NCBI Accession #	NP_057901.2
UniProt Primary Accession #	Q9WU62
UniProt Secondary Accession #	Q7TN28; Q8BGN4; Q8CGI4
UniProt Related Accession #	Q9WU62
GenBank Nucleotide #	NM_016692.3
NCBI Official Full Name	inner centromere protein
NCBI Official Synonym Full Names	inner centromere protein

NCBI Official Symbol	Incenp
NCBI Official Synonym Symbols	C77457; AU019509; C130081E20; 2700067E22Rik
UniProt Protein Name	Inner centromere protein
Protein Family	Inner centromere protein
UniProt Gene Name	Incenp
NCBI Protein Information	inner centromere protein
UniProt Comments for Incenp	Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. Acts as a scaffold regulating CPC localization and activity. The C-terminus associates with AURKB or AURKC, the N-terminus associated with BIRC5/survivin and CDCA8/borealin tethers the CPC to the inner centromere, and the microtubule binding activity within the central SAH domain directs AURKB/C toward substrates near microtubules. The flexibility of the SAH domain is proposed to allow AURKB/C to follow substrates on dynamic microtubules while ensuring CPC docking to static chromatin (). Activates AURKB and AURKC. Controls the kinetochore localization of BUB1.
Research Articles on Incenp	**1.** INCENP labels the spermatogonia synaptonemal complex central element from zygotene up to late pachytene when it begins to relocalize to heterochromatic chromocentres
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/inner-centromere-protein-incenp/1349448