9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CENPU Human

Centromere Protein-U Human Recombinant
RCP0394

Product Overview

Name	CENPU Human
Description	
Centromere Protein-U Human Recombinant	
Accession (Primary)	Q71F23
Synonyms	
Centromere Protein U, MLF1IP, Polo-Box-Interacting Protein 1, MLF1 Interacting Protein, Centromere Protein Of 50 KDa, Interphase Centromere Complex Protein 24, KLIP1, PBIP1, KSHV Latent Nuclear Antigen-Interacting Protein 1, MLF1-Interacting Protein, CENP50, CENPU50, KSHV Latent Nuclear Antigen Interacting Protein 1, CENP-50, CENP-U, ICEN24.	
Introduction	
Centromere Protein U, also known as CENPU is a specialized chromatin domain, present throughout the cell cycle. CENPU performs as a platform on which the transient assembly of the kinetochore takes place during mitosis. CENPU plays a major role in the correct PLK1 localization to the mitotic kinetochores. A scaffold protein is responsible for the first recruitment and maintenance of the kinetochore PLK1 population until its degradation. CENPU is also implicated in transcriptional repression.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CENPU protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS TRRKVKS AEKISTQRHE VIRTTASSEL SEKPAESVTS KKTGPLSAQP	

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SVEKENLAIE SQSKTQKKGK ISHDKRKKSR SKAIGSDTSD IVHIWCPEGM KTSDIKELNI VLPEFEKTHL EHQQRIESKV CKAAIATFYV NVKEQFIKML KESQMLTNLK RKNAKMISDI EKKRQRMIEV QDELLRLEPQ LKQLQTKYDE LKERKSSLRN AAYFLSNLKQ LYQDYSDVQA QEPNVKETYD SSSLPALLFK ARTLLGAESH LRNINHQLEK LLDQG

Precautions

CENPU Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q71F23)