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

CENPM Human

Centromere Protein-M Human Recombinant
RCP0391

Product Overview

Name	CENPM Human
Description	
Centromere Protein-M Human Recombinant	
Accession (Primary)	Q9NSP4
Synonyms	
Centromere Protein M, Interphase Centromere Complex Protein 39, Chromosome 22 Open Reading Frame 18, Proliferation Associated Nuclear Element 1, bK250D10.2, CENP-M, ICEN39, C22orf18, PANE1.	
Introduction	
The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays nucleosomes in which CENPA replaces histone H3. CENPM is an additional factor required for centromere assembly.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The CENPM solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.	
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). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSVLRPL DKLPGLNTAT ILLVGTEDAL LQQLADSMLK EDCASELKVH LAKSLPLPSS VNRPRIDLIV FVVNLHSKYS LQNTEESLRH VDASFFLGKV CFLATGAGRE SHCSIHRHTV VKLAHTYQSP LLYCDLEVEG FRATMAQRLV RVLQICAGHV PGVSALNLLS LLRSSEGPSL EDL	
Precautions	

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

Target Information: (Q9NSP4)