9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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MIS12 Human

MIS12 Human Recombinant
RCP1370

Product Overview

Name	MIS12 Human
Description	
MIS12 Human Recombinant	
Accession (Primary)	Q9H081
Synonyms	
hMis12, KNTC2AP, MTW1, Protein MIS12 homolog.	
Introduction	
Protein MIS12 Belongs to the mis12 family. MIS12 is an element of the MIS12 complex, which is necessary for kinetochore formation during mitosis and normal chromosome alignment and segregation. The MIS12 complex which comprised of MIS12,DSN1 , NSL1 and PMF-1. MIS12 is section of a network of complexes that supply microtubule attachment and generates pulling forces from depolymerization.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
MIS12 protein solution (1mg/ml) containing 20mM Tris-HCl buffer, (pH 8.0) ,2M Urea and10% 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSVDPMT YEAQFFGFTP QTCMLRIYIA FQDYLFEVMQ AVEQVILKKL DGIPDCDISP VQIRKCTEKF LCFMKGHFDN LFSKMEQLFL QLILRIPSNI LLPEDKCKET PYSEEDFQHL QKEIEQLQEK YKTELCTKQA LLAELEEQKI VQAKLKQTLT FFDELHNVGR DHGTSDFRES LVSLVQNSRK LQNIRDNVEK ESKRLKIS.	
Precautions	

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MIS12 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H081)