

32-4212: Recombinant Human MIS12

Alternative Name : hMis12,KNTC2AP,MTW1,Protein MIS12 homolog.

Description

Source : Escherichia Coli. MIS12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 228 amino acids (1-205 a.a.) and having a molecular mass of 26.5kDa. MIS12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	MIS12 protein solution (1mg/ml) containing 20mM Tris-HCl buffer, (pH 8.0) ,2M Urea and10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMVDPMY YEAQFFGFTP QTCMLRIYA FQDYLFVEMQ AVEQVILKKL DGIPDCDISP VQIRKCTEF LCFMKGHFDN LFSKMEQLFL QLILRIPSNI LLPEDKCKET PYSEEDFQHL QKEIEQLQEK YKTELCTKQA LLAELEEQKI VQAKLKQTLT FFDELHNVGR DHGTSDFRES LVSLVQNSRK LQNIRDNVEK ESKRLKIS.

