

32-3493: CDCA8 Recombinant Protein(Discontinued)

Alternative Name : Cell division cycle associated 8,BOR,hDasraB,FLJ12042,MESRGP,Pluripotent embryonic stem cell-related gene 3 protein,PESCRG3,BOREALIN.

Description

Source : Escherichia Coli. CDCA8 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 283 amino acids (19-280a.a.) and having a molecular mass of 31.6kDa. The CDCA8 is purified by proprietary chromatographic techniques. CDCA8 is a component of the chromosomal passenger complex (CPC). The CPC complex has crucial functions at the centromere in ensuring accurate chromosome placement and isolation and is obligatory for chromatin-induced microtubule stabilization and spindle assembly. In the complex, CDCA8 protein is needed to direct the CPC to centromeric DNA. Removal of CDCA8 delays mitotic progression and causes kinetochore-spindle to mis-attach.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The CDCA8 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 50% glycerol, 1mM DTT, 1mM EDTA and 0.2M NaCl.
Storage condition :	CDCA8 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MRKLASFLKD FDREVEIRIK QIESDRQNLL KEVDNLYNIE ILRLPKALRE MNWLDYFALG GNKQALEEAA TADLDITEIN KLTAETIQT LKSAKTRKVI QVDEMIVEEE EEEENERKNL QTARVKRCPP SKKRTQSIQG KGKGRSSRA NVTTPAVGRLEVSMVKPTPG LTPRFDSEVF KTPGLRTPAA GERIYNISGN GSPLADSKEI FLTVPVGGGE SLRLLASDLQ RHSIAQLDPE ALGNIKKLSN RLAQICSSIR THK