Recombinant Human CDCA8, His-tagged

Cat. No. CDCA8-27492TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Borealin/CDCA8 with a N terminal His tag; 283 amino acids, predicted molecular weight 31.6 kDa.
Species	Human
Source	E.coli
ProteinLength	262 amino acids
Description	CDCA8 is a component of a chromosomal passenger complex required for stability of the bipolar mitotic spindle (Gassmann et al.
Conjugation	HIS
Molecular Weight	31.600kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 50% Glycerol, 0.2M Sodium chloride, 20mM Tris HCl, 1mM EDTA, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMRKLASFLKDFDREVEIRIKQIESDRQNLLKEVDNLY NIEILRLPKALREMNWLDYFALGGNKQALEEAATADLDITEINKLTAEAIQTPLKSAKT RKVIQVDEMIVEEEEEEENERKNLQTARVKRCPPSKKRTQSIQGKGKGKRSSRANT VTPAVGRLEVSMVKPTPGLTPRFDSRVFKTPGLRTPAAGERIYNISGNGSPLADSKEI FLTVPVGGGESLRLLASDLQRHSIAQLDPEALGNIKKLSNRLAQICSSIRTHK
Sequence Similarities	Belongs to the borealin family.

GENE INFORMATION

Gene Name	CDCA8 cell division cycle associated 8 [Homo sapiens]
Official Symbol	CDCA8
Synonyms	CDCA8; cell division cycle associated 8; borealin; BOR; DasraB; FLJ12042; MESRGP;
Gene ID	55143
mRNA Refseq	NM_018101
Protein Refseq	NP_060571
MIM	609977
Uniprot ID	Q53HL2
Chromosome Location	1p34.3
Pathway	Aurora B signaling, organism-specific biosystem; Cell Cycle, Mitotic, organism-

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	specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem;
Function	protein binding;

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