

Recombinant Full Length Human CDCA8 Protein, GST-tagged

Cat. No. CDCA8-3121HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CDCA8 full-length ORF (AAH16944.1, 1 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	280 amino acids
Description	This gene encodes a component of the chromosomal passenger complex. This complex is an essential regulator of mitosis and cell division. This protein is cell-cycle regulated and is required for chromatin-induced microtubule stabilization and spindle formation. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 7, 8 and 16. [provided by RefSeq, Apr 2013]
Molecular Mass	56.32 kDa
AA Sequence	MAPRKGSSRVANTNSLRRRKSLASFLKDFDREVEIRIKQIESDRQNLLKEVDNLYNIEIL RLPKALREMNWLDYFALGGNKQALEEAATADLDITEINKLTAEAIQTPLKSAKTRKVI QVDEMIVEEEEEENERKNLQATARVKRCPPSKKRTQSIQGGKGGKRSSRANTVTPA VGRLEVSMVKPTPGLTPRFDSRVFKTPGLRTPAAGERIYNISGNGSPLADSKEIFLTV PVGGGESLRLASDLQRHSIAQLDPEALGNIKKLSNRLAQICSSMRTHK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; Dasra B; dasra-B; hDasra-B; cell division cycle-associated protein 8; pluripotent embryonic stem cell-related gene 3 protein; BOREALIN; FLJ10468;

Gene ID [55143](#)

mRNA Refseq [NM_001256875](#)

Protein Refseq [NP_001243804](#)

MIM [609977](#)

UniProt ID [Q53HL2](#)

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