

Recombinant Human cell division cycle 123, His-tagged

Cat. No. CDC123-583H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDC123, 1-336aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-336 a.a.
Description	CDC123, as known as D123, belongs to the CDC123 family. This protein is expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the highest expression in testis. CDC123 is required for S phase entry of the cell cycle. Recombinant human CDC123 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 2mM DTT
Molecular Mass	41.5kDa (359aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH GSMKKEHVL HCQFSAWYPF FRGVTIKSVI LPLPQNVKDY LLDDGTLVVS GRDDPPTHSQ PDSDEAEI QWSDDENTAT LTAPEFPEFA TKVQEAINSL GGSVFPKLNW SAPRDAYWIA MNSSLKCKTL SDIFLLFKSS DFITRDFTQP FIHCTDDSPD PCIEYELVLR KWCELIPGAE FRCFVKENKL IGISQRDYTQ YYDHISKQKE EIRRCIQDFF KKHIQYKFLD EDFVFDIYRD SRGKVLIDF NPFGEVTDLS LFTWEELISE NNLNGDFSEV

 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

DAQEQDSPAF RCTNSEVTVQ PSPYLSYRLP KDFVDLSTGE DAHKLIDFLK
LKRNQQEDD

Purity >90% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [CDC123 cell division cycle 123 homolog \(S. cerevisiae\) \[Homo sapiens \]](#)

Official Symbol CDC123

Synonyms CDC123; cell division cycle 123 homolog (S. cerevisiae); C10orf7, chromosome 10 open reading frame 7; cell division cycle protein 123 homolog; D123; PZ32; HT-1080; C10orf7; FLJ13863;

Gene ID [8872](#)

mRNA Refseq [NM_006023](#)

Protein Refseq [NP_006014](#)

UniProt ID [O75794](#)

Chromosome Location 10p13

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