

Recombinant human CDC123 protein

Catalog Number: ATGP2098

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-336aa

UniProt No.

O75794

NCBI Accession No.

NP_006014

Alternative Names

Cell division cycle protein 123 homolog, C10orf7, D123, Cell division cycle 123, HT-1080, PZ32

PRODUCT SPECIFICATION

Molecular Weight

41.5 kDa (359aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 0.1M NaCl, 2mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MKKEHVL HCQFSAWYPF FRGVTIKSVI LPLQNVKDY LLDDGTLVVS

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GRDDPPTHSQ PDSDEAEI QWSDDENTAT LTAPEFPEFA TKVQEAINSL GGSVFPKLNW SAPRDAYWIA MNSSLKCKTL
SDIFLLFKSS DFITRDFTQP FICTDDSPD PCIEYELVLR KWCELIPGAE FRCFVKENKL IGISQRDYTQ YYDHISKQKE
EIRRCIQDFF KKHIQYKFLD EDFVFDIYRD SRGKVLIDF NPFGEVTDLS LFTWEELISE>NNLNGDFSEV DAQEQDSPAF
RCTNSEVTVQ PSPYLSYRLP KDFVDLSTGE DAHKLIDFLK LKRNQQEDD

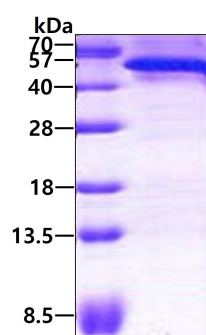
General References

Bieganowski P. et al. (2004) J Biol Chem. 279 : 44656-44666.

kuda A. et al. (1996) Exp Cell Res. 223:242-249.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.