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Recombinant human CDC123 protein

Catalog Number: ATGP2098

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-336aa

UniProt No.

075794

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 SSGLVPRGSH MGSMKKEHVL HCOFSAWYPF FRGVTIKSVI LPLPQNVKDY LLDDGTLVVS GRDDPPTHSO



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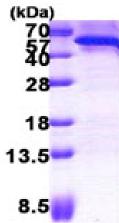
PDSDDEAEEI QWSDDENTAT LTAPEFPEFA TKVQEAINSL GGSVFPKLNW SAPRDAYWIA MNSSLKCKTL SDIFLLFKSS DFITRDFTQP FIHCTDDSPD PCIEYELVLR KWCELIPGAE FRCFVKENKL IGISQRDYTQ YYDHISKQKE EIRRCIQDFF KKHIQYKFLD EDFVFDIYRD SRGKVWLIDF NPFGEVTDSL LFTWEELISE NNLNGDFSEV DAQEQDSPAF RCTNSEVTVQ PSPYLSYRLP KDFVDLSTGE DAHKLIDFLK LKRNQQEDD

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



15% SDS-PAGE (3ug)

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

