

**CDC123, 1-336aa, Human, His tag, E.coli**

**Cat.NO.: TP01543**

3th Edition

**Synonyms:**Cell division cycle protein 123 homolog, C10orf7, D123

**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 Weight:**41.5kDa (359aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMKKEHVLHCQFSAWYPFFRGVTIKSVILPLPQNVKDYLLDDGTLVVSGRDDP  
PTHSQPDSDEAEIQWSDDENTATLTAFEPFATKVQEAINSLGGSVFPKLNWSAPRDAYWIAMNSSLKCKTSL  
DIFLLFKSSDFITRDFTQPFHCTDDSPDPCIEYELVRKWCELIPGAEFRCFVKENKLIGISQRDYTQYYDHISKQKEE  
IRRCIQDFFKKHIQYKFLDEDFVFDIYRDSRGKVLIDFNPFGEVTDSSLFTWEELISENNLNGDFSEVDAQEQDSPA  
FRCTNSEVTVQSPYLSYRLPKDFVDLSTGEDAHKLIDFLKLKRNQQEDD

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

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