



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:

MGSSHHHHHHSSGLVPRGSHMGSMKKEHVLHCQFSAWYPPFRGVTIKSVILPLPQNVKDYLLDDGTLVVSGRDDP
PTHSQPDSDEAEIQWSDDENTATLTAPEFPEFATKVQEAISLGGSVFPKLNWSAPRDAYWIAMNSSLKCKTLS
DIFLLFKSSDFITRDFTQPFHCTDDSPDPCIEYELVLRKWCELIPGAEFRFCVKENKLIGISQRDYTQYYDHISKQKEE
IRRCIQDFFKKHIQYKFLDEDFVFDIYRDSRGKVVWLFNPFGEVTDSSLFTWEELISENNLNGDFSEVDAQEQDSPA
FRCTNSEVTVQSPYLSYRLPKDFVDLSTGEDAHKLIDFLKLRNQQEDD

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.