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## Product Data Sheet

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Product Name: CDC123 Human

Cat. No.: GP23099

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	C10orf7; D123; Cell division cycle protein 123 homolog; ProteinD123; HT-1080; PZ32; Chromosome 10 Open Reading Frame 7.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMKKEHVL HCQFSAWYYPF FRGVTIKSVI LPLPQNVKDY LLDDGTLVVSGRDDPPTHSSQ PDSDEAEEI QWSDDENTAT LTAPEFPEFA TKVQEAINSL GGSVFPKLNW SAPRDAYWIAMNSSLKCKTL SDIFLLFKSS DFITRDFTQP FIHCTDDSPD PCIEYELVLR KWCELIPGAE FRCFVKENKL IGISQRDYTQ YYDHISKQKEEIRRCIQDFF KKHIQYKFLD EDFVFDIYRD SRGKVLIDF NPFGEVTDLSL LFTWEELISE NNLNGDFSEVDAQEQDSPAF RCTNSEVTVQ PSPYLSYRLP KDFVDLSTGE DAHKLIDFLK LKRNQQEDD		
Formulation	CDC123 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 2mM DTT.		

**Introduction**

CDC123 is a member of the CDC123 family. CDC123 is required for S phase entry of the cell cycle. It is also broadly expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the uppermost expression in testis.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

CDC123 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 359 amino acids (1-336 a.a) and having a molecular mass

**Caution: Product has not been fully validated for medical applications. For research use only.**

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of 41.5kDa.

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