

## Recombinant Human CDC123 protein, T7-tagged

Cat. No. CDC123-178H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CDC123 (336 aa) fused with T7 Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	336 a.a.
<b>Form</b>	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGEFMKKEHVLHCQFSAWYPPFRGVTIKSVILPLPQNVKDYLLD DGTLVVSGRDDPPTHSQPDS DDEAEEIQWSDDENTATLTAPEFPEFATKVQEAINS LGGSVFPKLNWSAPRDAYWIAMNSSLKCKTSLDIFLLFK SSDFITRDFTQPFHCTDD SPDPCIEYELVLRKWCELIPGAEFRFCVKENKLGISQRDYTQYYDHISKQKKEIR RC QDFFKKHQYKFLDEDFVFDIYRDSRGKVLIDFNPFGEVTDSSLFTWEELISENNLN GDFSEVDAQEQDSP AFRCTNSEVTVQPSPYLSYRLPKDFVDLSTGEDAHKLIDFLK LKRNNQEDD
<b>Purity</b>	>90% by SDS-PAGE
<b>Applications</b>	1. May be used for in eIF2 regulation study with intracellular protein delivery of this protein.2. As soluble/native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development.3. May be used for mapping CDC123-Chf-

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Gcd11 axis protein–protein interaction.4. May be used as antigen for specific antibody development and potential biomarker development for type 2 diabetes diagnosis.

**Storage**

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

## GENE INFORMATION

**Gene Name** CDC123 cell division cycle 123 homolog (*S. cerevisiae*) [ *Homo sapiens* ]

**Official Symbol** CDC123

**Synonyms**

CDC123; cell division cycle 123 homolog (*S. cerevisiae*); C10orf7, chromosome 10 open reading frame 7; cell division cycle protein 123 homolog; D123; PZ32; HT-1080; C10orf7; FLJ13863;

**Gene ID** 8872

**mRNA Refseq** NM\_006023

**Protein Refseq** NP\_006014

**MIM**

**UniProt ID** O75794

**Chromosome Location** 10p13

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