

Recombinant Human CDC123 protein, T7-tagged

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

SPECIFICATION

Product Overview	Recombinant human CDC123 (336 aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	336 a.a.
Form	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.
AA Sequence	MASMTGGGQQMGRGEFMKKEHVLHCQFSAWYPFFRGVTIKSVILPLPQNVKDYLLD DGTLLVSGRDDPPTHSPDS DDEAEEIQWSDDENTATLTAPEFPEFATKVQEAINS LGGSVFPKLNWSAPRDAYWIAMNSSLKCKTSLDIFLLFK SSDFITRDFTQPFHCTDD SPDPCIEYELVLRKWCELIPGAEFRFCFVKENKLIGISQRDYTQYYDHISKQKEEIR RCI QDFFKKHIQYKFLDEDFVFDIYRDSRGKVLIDFNPFGEVTDSSLFTWEELISENNLN GDFSEVDAQEQDSP AFRCTNSEVTVQSPSYLSYRLPKDFVDLSTGEDAHKLIDFLK LKRNNQQEDD
Purity	>90% by SDS-PAGE
Applications	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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