

## Recombinant Human CDC73 Protein, His-tagged

Cat. No. CDC73-717H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDC73 Protein (Arg232-Phe531) with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg232-Phe531
<b>Description</b>	This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 38 kDa; Accurate Molecular Mass: 38 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	CDC73 cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) [ Homo sapiens (human) ]
<b>Official Symbol</b>	CDC73
<b>Synonyms</b>	CDC73; cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae); C1orf28, chromosome 1 open reading frame 28, HRPT2, hyperparathyroidism 2 (with jaw tumor); parafibromin; hyperparathyroidism 2 protein; cell division cycle protein 73 homolog; HYX; HPTJT; HRPT2; C1orf28; FLJ23316;
<b>Gene ID</b>	79577
<b>mRNA Refseq</b>	NM_024529
<b>Protein Refseq</b>	NP_078805
<b>MIM</b>	607393

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