Recombinant Human CDC73 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CDC73 Protein (Arg232-Phe531) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg232-Phe531
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38 kDa; Accurate Molecular Mass: 38 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CDC73 cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	CDC73
Synonyms	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;
Gene ID	79577
mRNA Refseq	NM_024529
Protein Refseq	NP_078805
MIM	607393

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UniProt ID	Q6P1J9

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