

Recombinant Human CDC73 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CDC73-3933H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDC73 MS Standard C13 and N15-labeled recombinant protein (NP_078805) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	60.6 kDa
AA Sequence	MADVLSVLRQYNIQKKEIVVKGDEVIFGEFSWPKNVKTNVYVWGTGKEGQPREYYT LDSILFLLNNVHLSHPVYVRRRAATENIPVVRPDRKDLLGYLNGEASTSASIDRSAPL EIGLQRSTQVKRAADEVLAEAKKPRIEDEECVRLDKERLAARLEGHKEGIVQTEQIRS LSEAMSVEKIAAIKAKIMAKKRSTIKTDLDDITALKQRSFVDAEVDVTRDIVSRERVW RTRTTILQSTGKNFSKNIFAILQSVKAREEGRAPEQRPAPNAAPVDPTLRTKQPIPAA YNRYDQERFKGKEETEGFKIDTMGTYHGMTLKS VTEGASARKTQTPAAQPVPRPVS

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QARPPPNQKKGSRTPIIIIPAATTSLITMLNAKDLLQDLKFVPSDEKKKQGCQRENETL
 IQRRKDQMMPGGTAISVTPYRVVDQPLKMPQDWDVVAVFVQGPAPWQFKGWP
 WLLPDGSPVDIFAKIAFHLKYDEVRLDPNVQKWDVTVLELSYHKRHLDRPVFLRFW
 ETLDRYMKHSHLRFTTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CDC73 cell division cycle 73 [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; HYPX; HPTJT; HRPT2; C1orf28; FLJ23316;

Gene ID 79577

mRNA Refseq NM_024529

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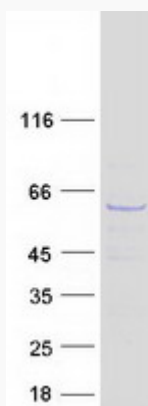
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Protein Refseq NP_078805

MIM 607393

UniProt ID Q6P1J9

SDS-PAGE



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