

Product datasheet for **TP309479M**

HRPT2 (CDC73) (NM_024529) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (*S. cerevisiae*) (CDC73), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209479 protein sequence
Red=Cloning site **Green**=Tags(s)

MADVLSVLRQYNIQKKEIVKGDDEVIFGEFSWPKNVKTNVWVWGTGKEGQPREYYTLDSILFLLNNVHLS
HPVYVRRRAATENIPVRRPDRKDLLGYLNGEASTSASIDRSAPLEIGLQRSTQVKRADEVLAEAKKPRI
EDEECVRLDKERLAARLEGHKEGIVQTEQIRSLSEAMSVEKIAAIKAKIMAKKRSTIKTDLDDDDITALKQ
RSFVDAEVDVTRDIVSRERVWRTRTTILQSTGKNFSKNIFAILQSVKAREEGRAPEQRPAAPNAAPVDPTL
RTKQPIPAAYNRYDQERFKGKEETEGFKIDTMGTYHGMTLKSVTGASARKTQTPAAQPVPRPVSQARPP
PNQKKGSRTPIIIIIPAATSLITMLNAKDLLQDLKFVPSDEKKKQGCQRENETLIQRRKDQMPPGGTAIS
VTPYRVVDQPLKLMQDWDVAVFVQGPVQFQGWVWLLPDGSPVDIFAKIKAFHLKYDEVRLDPNVQ
KWDVTVLELSYHKRHLDRPVFLRFWETLDRYMKHSHLRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 60.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_078805
Locus ID:	79577
UniProt ID:	Q6P1J9
RefSeq Size:	5942
Cytogenetics:	1q31.2
RefSeq ORF:	1593
Synonyms:	C1orf28; FIHP; HPTJT; HRPT1; HRPT2; HYX
Summary:	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. [provided by RefSeq, Jul 2009]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified CDC73 protein (Cat# [TP309479]). The protein was produced from HEK293T cells transfected with CDC73 cDNA clone (Cat# [RC209479]) using MegaTran 2.0 (Cat# [TT210002]).