

## Product datasheet for PH309479

### HRPT2 (CDC73) (NM\_024529) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CDC73 MS Standard C13 and N15-labeled recombinant protein (NP_078805)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209479
Predicted MW:	60.6 kDa
Protein Sequence:	>RC209479 protein sequence Red=Cloning site Green=Tags(s)

MADVLSVLRQYNIQKKEIVVKGDEVIFGGEFSWPKNVKTNYVVWGTGKEGQPREYYTLDSILFLLNNVHLS  
HPVYVRRRAATENIPVRRPDRKDLLGYLNGEASTSASIDRSAPLEIGLQRSTQVKRAAEVLAEAKKPRI  
EDEECVRLDKERLAARLEGHKEGIVQTEQIRSLSEAMSVEKIAAIKAKIMAKKRSTIKTDLDDITALKQ  
RSFVDAEVDVTRDIVSRERVWRTRTTILQSTGKNFSKNIFAILQSVKAREEGRAPEQRPAPNAAPVDPTL  
RTKQPIPAAYNRYDQERFKGKEETEGFKIDTMGTYHGMLKSVTEGASARKTQTPAAQPVPRPVSQARPP  
PNQKKGSRTPIIIPAAATSLITMLNAKDLLQDLKFVPSDEKKKQGCQRENETLIQRRKQMQPGGTAIS  
VTVPYRVVDQPLKLMQDWRVAVFVQGPWQFKGWPWLLPDGSPVDIFAKIKAFHLKYDEVRLDPNVQ  
KWDVTVLELSYHKRHLDRPVFLRFWETLDRYMKVHKSHLRF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_078805</a></u>
RefSeq Size:	5942
RefSeq ORF:	1593



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**Synonyms:** C1orf28; FIHP; HPTJT; HRPT1; HRPT2; HYX

**Locus ID:** 79577

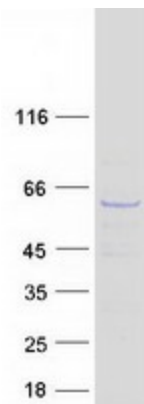
**UniProt ID:** [Q6P1J9](#)

**Cytogenetics:** 1q31.2

**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]).