

## Recombinant Human CDC73, His-tagged

Cat. No. CDC73-7927H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Parafibromin is produced by our E. coli expression system. The target protein is expressed with sequence (Ala2Glu260) of Human CDC73 fused with a 6His tag at the Nterminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Parafibromin is expressed in the adrenal and parathyroid glands, kidney, and heart. As a tumor suppressor, Parafibromin may be involved in transcriptional and posttranscriptional control pathways, also through the regulation of cyclin D1/PRAD1 expression, involved the cell cycle progression. Parafibromin is a component of the the PAF protein complex and interacts with a Set1like complex that has histone methyltransferase activity and methylates histone H3. Defects in Parafibromin can cause hyperparathyroidismjaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7

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days. Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

## GENE INFORMATION

<b>Gene Name</b>	CDC73 cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) [ Homo sapiens ]
<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>	<a href="#">79577</a>
<b>mRNA Refseq</b>	<a href="#">NM_024529</a>
<b>Protein Refseq</b>	<a href="#">NP_078805</a>
<b>MIM</b>	<a href="#">607393</a>
<b>UniProt ID</b>	<a href="#">Q6P1J9</a>
<b>Chromosome Location</b>	1q25
<b>Function</b>	protein binding;

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