

Recombinant Human CDC73, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
Description	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.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Notes	For research use only.
Storage	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

Gene Name	CDC73 cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae) [Homo sapiens]
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
UniProt ID	Q6P1J9
Chromosome Location	1q25
Function	protein binding;

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