

32-8071: Recombinant Human CDC73/Parafibromin/HRPT2 (N-6His)(Discontinued)

Gene : CDC73

Gene ID : 79577

Uniprot ID : Q6P1J9

Description

Source: E.coli.

MW :32.77kD.

Recombinant Human CDC73 is produced by our E.coli expression system and the target gene encoding Met1-Glu260 is expressed with a 6His tag at the N-terminus. Parafibromin is expressed in the adrenal and parathyroid glands, kidney, and heart. As a tumor suppressor, Parafibromin may be involved in transcriptional and post-transcriptional control pathways, also through the regulation of cyclin D1/PRAD1 expression, involved in the cell cycle progression. Parafibromin is a component of the PAF protein complex and interacts with a Set1-like complex that has histone methyltransferase activity and methylates histone H3. Defects in Parafibromin can cause hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : MGSSHHHHHSSGLVPRGSHMADVLSVLRQYNIQKKEIVVKGDEVIFGEFSWPKNVKTNVYVWGTGKEGQPR EYYTLDSILFLLNNVHLSHPVYVRRRAATENIPVVRPDRKDLLGYLNGEASTSASIDRSAPLEIGLQRSTQVKRAA DEVLAEAKKPRIEDEECVRLDKERLAARLEGHKEGIVQTEQIRSLSEAMSVEKIAAIKAKIMAKKRSTIKTDLDDDI TALKQRSFVDAEVDVTRDIVSRERVWRTRTTLQSTGKNFSKNIFAILQSVKARELEHHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.