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Recombinant Human CLK3 Protein (GST tag)

产品货号: TP06497

第三版

别名:PHCLK3;PHCLK3/152

描述:Dual specificity protein kinase CLK3, also known as CDC-like kinase 3, and CLK3, is a member of CMGC Ser/Thr protein kinase family and Lammer subfamily. Mammalian CLK is the prototype for a family of dual specificity kinases (termed Lammer kinases) that have been conserved in evolution. CLK family members have shown to interact with, and phosphorylate, serine- and arginine-rich (SR) proteins of the spliceosomal complex, which is a part of the regulatory mechanism that enables the SR proteins to control RNA splicing. The three members of the CLK family of kinases (CLK1, CLK2, and CLK3) have been shown to undergo conserved alternative splicing to generate catalytically active and inactive isoforms. The human CLK2 and CLK3 are found within the nucleus and display dual-specificity kinase activity. The truncated isoforms, hCLK2(T) and hCLK3(T), colocalize with SR proteins in nuclear speckles. CLK3 may play a role in the development and progression of azoospermia.

配方:PBS

分子量:85 kDa

序列:Met 1-Arg 490

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.