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Recombinant Human DAPK1 / DAP Kinase 1 Protein (aa 1-363, His & GST tag)

产品货号: TP08366

第三版

别名:DAPK

描述:Death-associated protein kinase 1, also known as DAP kinase 1, DAPK1 and DAPK, is a cytoplasm protein which belongs to the protein kinase superfamily, CAMK Ser / Thr protein kinase family and DAP kinase subfamily. DAPK1 contains ten ANK repeats, one death domain and one protein kinase domain. DAPK1 is a calcium / calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis. DAPK1 gene is a candidate tumor suppressor (TSG) and the abnormal methylation of DAPK1 gene has been found in many carcinomas. DAPK1 over-expression can induce cell apoptosis and inhibit tumor cell metastasis. DAPK1 gene over-expression could suppress PGCl3 cells malignant phenotype, inhibit PGCl3 cells growth, invasive, migration and adhesion ability, upregulate p53 gene and downregulate bcl-2 gene. Loss of activity of death-associated protein kinase 1 (DAPK1) may be an independent factor affecting survival of non-small cell lung cancer patients. DAPK1 promoter methylation might play a significant role in the progression of chronic myeloid leukemia (CML).

配方:PBS

分子量:69.4 kDa

序列:Met 1-Leu 363

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.