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Recombinant Human CAMKV Protein (His & GST tag)

产品货号: TP06726

第三版

别名:1G5;VACAMKL

描述:CaM kinase-like vesicle-associated protein, also known as CAMKV, is a peripheral membrane protein and Cytoplasmic vesicle membrane protein which belongs to the protein kinase superfamily and CAMK Ser/Thr protein kinase family. CAMKV contains one protein kinase domain. It is predominantly observed in association with the plasma membrane of soma and in neurites, both axons and dendrites. CAMKV may be associated with vesicular structures. It does not appear to have detectable kinase activity. Protein kinases are a group of enzymes that move a phosphate group onto proteins, in a process called phosphorylation. Protein kinases function as an on/off switch for many cellular processes, including metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. They also function in embryonic development, physiological responses, and in the nervous and immune system. Abnormal phosphorylation causes many human diseases, including cancer, and drugs that affect phosphorylation can treat those diseases. The protein kinase domain is a structurally conserved protein domain containing the catalytic function of protein kinases. Protein kinases play a role in a multitude of cellular processes, including division, proliferation, apoptosis, and differentiation. Phosphorylation usually results in a functional change of the target protein by changing enzyme activity, cellular location, or association with other proteins.

配方:PBS

分子量:82.2 kDa

序列:Met 1-Ser 501

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.