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Recombinant Human SPEG / APEG-1 Protein (His tag)

产品货号: TP08352

第三版

别名:APEG-1;APEG1;BPEG;CNM5;SPEGalpha;SPEGbeta

描述: Striated muscle preferentially expressed protein kinase, also known as aortic preferentially expressed protein 1, APEG-1, SPEG and KIAA1297, is a protein which belongs to the protein kinase superfamily and CAMK Ser/Thr protein kinase family. SPEG / APEG-1 contains two fibronectin type-III domains, nine Ig-like (immunoglobulin-like) domains, two protein kinase domains. Isoform 1 of SPEG is preferentially expressed in striated muscle. Non-kinase form such as isoform 3 of SPEG is predominantly expressed in the aorta. Isoform 3 of SPEG appears to be expressed only in highly differentiated ASMC in normal vessel walls and down-regulated in dedifferentiated ASMC. Isoform 3 of SPEG may have a role in regulating the growth and differentiation of arterial smooth muscle cells. Isoform 3 of SPEG is quickly down-regulated in response to vascular injury, when ASMC cells change from a quiescent to a proliferative phenotype.

配方: PBS

分子量: 14 kDa

序列: Met 1-Glu 113

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.