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Recombinant Human Sedoheptulokinase/SHPK Protein(C-6His)

产品货号: TP06106

第三版

别名:Sedoheptulokinase;SHK;Carbohydrate kinase-like protein;SHPK;CARKL

描述:Sedoheptulokinase (SHPK) belongs to the FGGY kinase family, and is mainly located in cytoplasm. SHPK is strongly expressed in liver, kidney and pancreas. It is expressed at lower levels in placenta and heart, and very weakly expressed in lung and brain. SHPK catalyzes the chemical reaction: $ATP + \text{sedoheptulose} = ADP + \text{sedoheptulose 7-phosphate}$. It can transform sedoheptulose to sedoheptulose 7-phosphate in the condition of ATP, and acts as a modulator of macrophage activation through control of glucose metabolism. In addition, It also can be down-regulated by LPS.

配方:PBS

分子量:52.5 kDa

序列:Met 1-Ser478

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.