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Recombinant Human Ribose-Phosphate Pyrophosphokinase 2/PRPS2 Protein(C-6His)

产品货号: TP05503

第三版

别名:Ribose-Phosphate Pyrophosphokinase 2; PPRibP; Phosphoribosyl Pyrophosphate Synthase II; PRS-II; PRPS2

描述:Ribose-Phosphate Pyrophosphokinase 2 (PRPS2) is a phosphoribosyl pyrophosphate synthetase that belongs to the ribose-phosphate pyrophosphokinase family. PRPS2 is a homodimer. The active form is probably an hexamer composed of three homodimers. PRPS2 catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis. PRPS2 catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate. In addition, PRPS2 plays a central role in the synthesis of purines and pyrimidines.

配方:PBS

分子量:35.8 kDa

序列:Pro2-Leu318

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.