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Recombinant Human Quinolate Phosphoribosyltransferase/QPRTase Protein(N-6His)

产品货号: TP06063

第三版

别名: Nicotinate-Nucleotide Pyrophosphorylase [Carboxylating]; Quinolate Phosphoribosyltransferase [Decarboxylating]; QAPRTase; QPRTase; QPRT

描述: Nicotinate-Nucleotide Pyrophosphorylase (QPRT) belongs to the nadC/modD family. QPRT plays an important role in catabolism of quinolate which acts as a potent endogenous exitotoxin to neurons. In addition, QPRT serves as an intermediate in the Tryptophan-Nicotinamide Adenine Dinucleotide pathway. QPRT participates in some pathways including Cofactor biosynthesis, NAD(+) biosynthesis and the Nicotinate D-Ribonucleotide from Quinolate. In addition, QPRT is involved in the catabolism of Quinolinic Acid (QA). The activity toward QA is slightly repressed by phosphoribosylpyrophosphate (PRPP) in both a competitive and a non-competitive manner.

配方: PBS

分子量: 33.0 kDa

序列: Met 1-His297

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.