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Recombinant Human Ribulose-Phosphate 3-Epimerase Protein

产品货号: TP05395

第三版

别名: Ribulose-Phosphate 3-Epimerase; Ribulose-5-Phosphate-3-Epimerase; RPE; HUSSY-17

描述: Ribulose-Phosphate 3-Epimerase (RPE) is a member of the Ribulose-Phosphate 3-Epimerase family. RPE exists as a homodimer and catalyzes the reversible epimerization of D-ribulose 5-phosphate to D-xylulose 5-phosphate. RPE binds one divalent metal cation per subunit and contains tightly bound Fe<sup>2+</sup> when produced in E. coli, but the physiological cofactor may be Co<sup>2+</sup>, Mn<sup>2+</sup> or Zn<sup>2+</sup>. It has been shown that RPE participates in 3 metabolic pathways: pentose phosphate pathway, pentose and glucuronate interconversions, and carbon fixation.

配方: PBS

分子量: 25.9 kDa

序列: Met 1-Arg228

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.