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Recombinant Human Bisphosphoglycerate Mutase/BPGM Protein(C-6His)

产品货号: TP05157

第三版

**别名:**Bisphosphoglycerate Mutase; BPGM; 2,3-Bisphosphoglycerate Mutase Erythrocyte; 2,3-Bisphosphoglycerate Synthase; 2,3-Diphosphoglycerate Mutase; DPGM; BPG-Dependent PGAM; BPGM

**描述:**Bisphosphoglycerate Mutase (BPGM) is a member of the Phosphoglycerate Mutase family and BPG-Dependent PGAM subfamily. BPGM is a multifunctional enzyme. BPGM catalyzes 2,3-DPG synthesis via its synthetase activity, and 2,3-DPG degradation via its phosphatase activity. It also has phosphoglycerate phosphomutase activity. BPGM plays a major role in regulating hemoglobin oxygen affinity by controlling the levels of 2,3-bisphosphoglycerate (2,3-BPG). Deficiency of BPGM increases the affinity of cells for oxygen and result in hemolytic anemia.

**配方:**PBS

**分子量:**31.0 kDa

**序列:**Ser2-Lys259

**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.