

## Recombinant Glucose-6-phosphate Dehydrogenase (G6PD)

Cat No. :KF-P2170

**表达系统:** E. coli

**蛋白结构序列:** Met1~Leu515

**蛋白编号:** P11413

**产品别称:** Glucose-6-phosphate 1-dehydrogenase, G6PD1.

**分子量:** 61.4kDa (535aa)

**纯度:** >90% as determined by SDS-PAGE.

**内毒素:** ≤10EU/mg as determined by LAL test.

**标签:** N-6His

**冻干 Buffer:** Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

**复溶方式:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1mM PMSF, 2mM EDTA, 2mM DTT, 200mM NaCl

**运输条件:** 2-8℃

**保存条件:** Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

**生物活性:** 待查。

**功能:** 催化氧化戊糖磷酸途径的限速步骤, 该途径是除了糖酵解之外的另一种碳水化合物分解途径。该酶功能是为脂肪酸和核酸的合成提供还原力 (NADPH) 和戊糖磷酸。

仅供科研或生产使用, 不可直接应用于人体。