

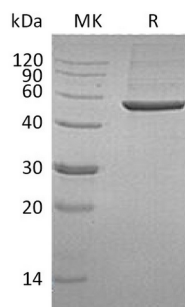
产品名称: Recombinant Human 6PGD (C-6His)
产品货号: PHH0006



概述 (Summary)

英文全称	6-phosphogluconate dehydrogenase, decarboxylating/PGD
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human 6-phosphogluconate Dehydrogenase is produced by our Mammalian expression system and the target gene encoding Met1-Ala483 is expressed with a 6His tag at the C-terminus.
Accession #	P52209
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	54.2 KDa
制剂 (Form)	Supplied as a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names) 6-phosphogluconate dehydrogenase; decarboxylating; PGD; PGDH

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背景介绍 (References)

6-phosphogluconate dehydrogenase(PGD) is a cytoplasm-located protein, and belongs to the 6-phosphogluconate dehydrogenase family. 6PGD is the second dehydrogenase in the pentose phosphate shunt. It catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO₂, with concomitant reduction of NADP to NADPH. Mutations within the gene coding this enzyme result in 6-phosphogluconate dehydrogenase deficiency, an autosomal hereditary disease effecting the red blood cells.

注意事项 (Note)

For research use only .