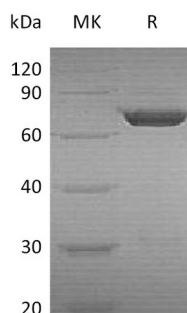


概述 (Summary)

英文全称	Phosphoglucomutase 2/PGM2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Phosphoglucomutase-2 is produced by our E.coli expression system and the target gene encoding Met1-Asp612 is expressed with a 6His tag at the N-terminus.
Accession #	AAH10087.1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	70.5 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, 0.06% Tween80, pH8.0
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human PGM2 (N-6His)
Catalog #: PEH1323



背景 (Background)

分子别名 (Alternative Names)

Phosphoglucomutase-2; PGM 2; Glucose phosphomutase 2; Phosphodeoxyribomutase; Phosphopentomutase

背景介绍 (References)

Phosphoglucomutase-2 (PGM2) is a member of PGM family, which catalyzes the inter-conversion of sugar phosphates and participates in anabolic and catabolic reactions. When cells are grown in glucose, PGM catalyzes the conversion of glucose-6-phosphate to glucose-1-phosphate an important precursor required for the synthesis of UDP glucose and trehalose. PGM2 catalyzes the conversion of the nucleoside breakdown products ribose-1-phosphate and deoxyribose-1-phosphate to the corresponding 5-phosphopentoses, and it may also catalyze the interconversion of glucose-1-phosphate and glucose-6-phosphate. But this protein has low glucose 1,6-bisphosphate synthase activity.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.