

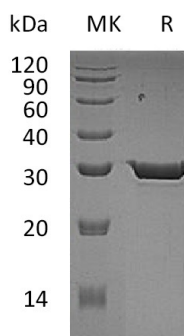
Product Name: Recombinant Human HPGD (C-6His)
Catalog #: PHH1318



概述 (Summary)

英文全称	PGDH(15-PGDH)/HPGD
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 15-Hydroxyprostaglandin Dehydrogenase [NAD(+)]/HPGD is produced by our Mammalian expression system and the target gene encoding Met1-Gln266 is expressed with a 6His tag at the C-terminus.
Accession #	P15428
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	30 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM HEPES, 150mM NaCl, pH 7.4.
储存缓冲液 (Buffer)	
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 ≤-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)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

15-Hydroxyprostaglandin Dehydrogenase [NAD(+)]; 15-PGDH; Prostaglandin Dehydrogenase 1; HPGD; PGDH1

背景介绍 (References)

15-hydroxyprostaglandin dehydrogenase [NAD(+), also known as Prostaglandin dehydrogenase 1, 15-PGDH, HPGD and PGDH1, belongs to the short-chain dehydrogenases/reductases (SDR) family. HPGD localizes to the cytoplasm and can be found in colon epithelium, existing as a homodimer. HPGD catalyzes the NAD-dependent dehydrogenation of lipoxin A4 to form 15-oxo-lipoxin A4. HPGD is down-regulated by cortisol, dexamethasone and betamethasone, up-regulated by TGFB1. HPGD inhibits in vivo proliferation of colon cancer cells. HPGD is the key enzyme for the inactivation of prostaglandins, and thus regulates processes such as inflammation or proliferation.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.