

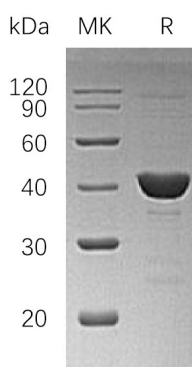
Product Name: Recombinant Human UROD (N-6His)
Catalog #: PEH1795



概述 (Summary)

英文全称	UROD
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 Uroporphyrinogen Decarboxylase is produced by our E.coli expression system and the target gene encoding Met1-Asn367 is expressed with a 6His tag at the N-terminus.
Accession #	AAH01778.1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	43 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 1mM EDTA, pH 8.0.
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)

Uroporphyrinogen Decarboxylase; UPD; URO-D; UROD

背景介绍 (References)

Uroporphyrinogen decarboxylase (UROD), is an enzyme of the heme biosynthetic pathway which belongs to the uroporphyrinogen decarboxylase family. This enzyme is responsible for catalyzing the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. UROD is a homodimeric enzyme that catalyzes the fifth step in heme biosynthesis: the elimination of carboxyl groups from the four acetate side chains of uroporphyrinogen III to yield coproporphyrinogen III. Defects in UROD are the cause of familial porphyria cutanea tarda (FPCT) and hepatoerythropoietic porphyria (HEP).

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.