

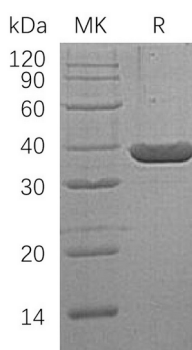
Product Name: Recombinant Human LDH-A (N-6His)
Catalog #: PEH1068



概述 (Summary)

英文全称	LDHA/PIG19
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 L-Lactate Dehydrogenase A Chain is produced by our E.coli expression system and the target gene encoding Met1-Phe332 is expressed with a 6His tag at the N-terminus.
Accession #	P00338
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	38.8 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 5% Trehalose, 5% Mannitol, 0.01% Tween80, 1mM EDTA, 50% Glycerol, pH8.0.
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)

L-Lactate Dehydrogenase A Chain; LDH-A; Cell Proliferation-Inducing Gene 19 Protein; LDH Muscle Subunit; LDH-M; Renal Carcinoma Antigen NY-REN-59; LDHA

背景介绍 (References)

L-Lactate Dehydrogenase A Chain (LDHA) is an enzyme that catalyzes the conversion of L-lactate and NAD⁺ to pyruvate and NADH in the final step of anaerobic glycolysis. LDHA contains an N-terminal coenzyme binding region, a central catalytic site, and at least nine utilized Lys acetylation and two Tyr phosphorylation sites. LDHA belongs to the lactate dehydrogenase family, expressed predominantly in muscle tissue. LDHA mutations have been linked to exertional myoglobinuria.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.