

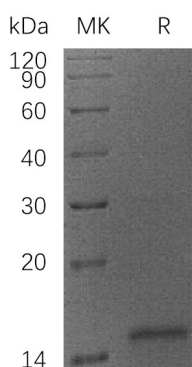
Product Name: Recombinant Human CYCS (C-6His)
Catalog #: PEH0508



概述 (Summary)

英文全称	Cytochrome c/CYCS
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 Cytochrome C is produced by our E.coli expression system and the target gene encoding Gly2-Glu105 is expressed with a 6His tag at the C-terminus.
Accession #	P99999
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	12.8 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM PB, 10% Trehalose, 200mM NaCl, 50% Glycerol, 0.05% Tween 80, pH7.0.
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)

Cytochrome C; CYCS; CYC

背景介绍 (References)

Cytochrome C (CYCS) is a small heme protein that belongs to the cytochrome c family. It is found loosely associated with the inner membrane of the mitochondrion. Cytochrome C is a highly soluble protein that functions as a central component of the electron transport chain in mitochondria. CYCS transfers electrons between Complexes III (Coenzyme Q - Cyt C reductase) and IV (Cyt C oxidase). CYCS plays a role in apoptosis. Suppression of the anti-apoptotic members or activation of the pro-apoptotic members of the Bcl-2 family leads to altered mitochondrial membrane permeability resulting in release of cytochrome c into the cytosol. Binding of Cytochrome C to Apaf-1 triggers the activation of caspase-9, which then accelerates apoptosis by activating other caspases.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.