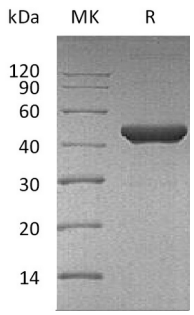
产品名称：Recombinant Human Fumarase
产品货号：PEH0691

概述（Summary）

英文全称	Fumarase/FH
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 Fumarase is produced by our E.coli expression system and the target gene encoding Ala45-Lys510 is expressed.
Accession #	P07954
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	50.2 KDa
制剂（Form）	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, pH 8.0.
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）

分子别名（Alternative Names）	Fumarate Hydratase Mitochondrial; Fumarase; FH
背景介绍（References）	Fumarase is an enzyme that catalyze the reversible hydration/dehydration of

fumarate to S-malate and is involved in the tricarboxylic acid or Krebs cycle. Fumarase exists in both form, cytosolic formand N-terminal extend mitochondrial form. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension is the same form as in the cytoplasm. Fumarase is thought to act as a tumor suppressor, which deficiency can lead to progressive encephalopathy, cerebral atrophy and development delay.

注意事项（Note）

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