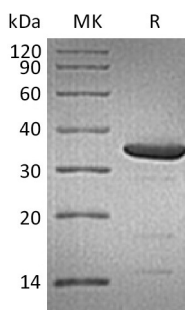


概述 (Summary)

英文全称	Arginase-2/ARG2
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 Arginase-2, Mitochondrial is produced by our E.coli expression system and the target gene encoding His24-Gly330 is expressed with a 6His tag at the C-terminus.
Accession #	P78540
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	34.2 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, pH 7.5.
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)

分子别名 (Alternative Names)	Arginase-2, mitochondrial; Kidney-type arginase; Non-hepatic arginase; Type
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Product Name: Recombinant Human ARG2 (C-6His)
Catalog #: PEH0098



背景介绍 (References)

II arginase; ARG2

Arginase-2 (ARG2) is a member of the arginase family. Arginase is a manganese-containing enzyme which catalyzes the hydrolysis of arginine to ornithine and urea. ARG2 is highly expressed in kidney and prostate, not founded in the liver, heart and pancreas. ARG2 has been implicated in the regulation of the arginine/ornithine concentrations in the cell. ARG2 may take part in the regulation of extra-urea cycle arginine metabolism and in down-regulation of nitric oxide synthesis. The extrahepatic arginase functions to regulate L-arginine bioavailability to NO synthase.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.