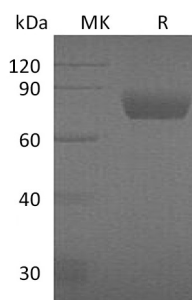


概述 (Summary)

英文全称	Serpin D1/Heparin Cofactor II/HCF2
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 Mouse Serine Protease Inhibitor-clade D1 is produced by our Mammalian expression system and the target gene encoding Glu24-Ser478 is expressed with a 6His tag at the C-terminus.
Accession #	P49182
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	53.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 150mM NaCl, 5% Mannitol, 0.06% Tween80, pH8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. 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)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse Serpin D1 (C-6His)
Catalog #: PHM1509



背景 (Background)

分子别名 (Alternative Names)

Heparin cofactor 2; Heparin cofactor II; HC-II; Protease inhibitor leuserpin-2; Serpin D1

背景介绍 (References)

SerpinD1, also known as heparin cofactor II(HC-II), is a member of Serpin superfamily of the serine proteinase inhibitors. It is a single chain glycoprotein with a size of 66.5 kDa and is secreted from hepatocytes. HC-II acts as a thrombin inhibitor in the coagulation cascade, in a glycosaminoglycan-dependent pathway using the release of a sequestered hirudin-like N-terminal tail for interaction with thrombin. This serpin belongs to multiple member group V2 of vertebrate serpin classification. It has been suggested that HC-II is a predictor of decreased atherosclerosis in the elderly and protective against atherosclerosis in mice. HCII can used as a predictive biomarker and therapeutic target for atherosclerosis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.