

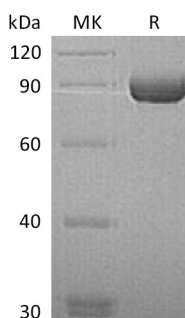
Product Name: Recombinant Human MMP-9 (C-6His)
Catalog #: PHH1170



概述 (Summary)

英文全称	MMP-9/metalloproteinase-9/CLG4B
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 Matrix Metalloproteinase-9 is produced by our Mammalian expression system and the target gene encoding Ala19-Asp707 is expressed with a 6His tag at the C-terminus. The proenzyme needs to be activated by APMA for an activated form.
Accession #	AAH06093.1
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	77.4 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Hepes, 10% Sucrose, 150mM NaCl, 0.05% Tween 80, 2mM CaCl ₂ , pH 8.0.
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)

Matrix metalloproteinase-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; MMP9

背景介绍 (References)

Matrix metalloproteinase 9 (MMP-9) is an enzyme encoded by the MMP9 gene. This protein, which is produced by normal alveolar macrophages and granulocytes, can be activated by 4-aminophenylmercuric acetate and phorbol ester and up-regulated by ARHGEF4, SPATA13 and APC via the JNK signaling pathway in colorectal tumor cells. MMP-9 is involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, angiogenesis, bone development, wound healing, cell migration, learning and memory, as well as in pathological processes, such as arthritis, intracerebral hemorrhage, and metastasis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.