

Product Name: Recombinant Human COL9A1 (C-6His)
Catalog #: PHH0431

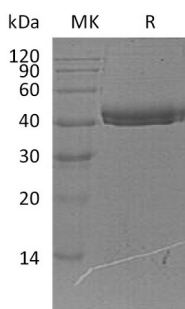


概述 (Summary)

英文全称	COL9A1/Collagen alpha-1(IX) chain
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 Collagen Alpha-1(IX) Chain is produced by our Mammalian expression system and the target gene encoding Ala24-Pro328 is expressed with a 6His tag at the C-terminus.
Accession #	P20849-3
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	33.8 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
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)

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背景 (Background)

分子别名 (Alternative Names)

Collagen alpha-1(IX) chain;DJ149L1.1.2; EDM6; MED; STL4

背景介绍 (References)

COL9A1, which is short for Collagen alpha-1(IX) chain, is a 921 aa. protein. It is a secreted protein, and exists in extracellular space and extracellular matrix. This protein is a heterotrimer of an alpha 1(IX), an alpha 2(IX) and an alpha 3(IX) chain. Each subunit is composed of three triple-helical domains interspersed with non-collagenous domains. The globular domain at the N-terminus of type IX collagen molecules represents the NC4 domain which may participate in electrostatic interactions with polyanionic glycosaminoglycans in cartilage. It is a structural component of hyaline cartilage and vitreous of the eye.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.