

Product Name: Recombinant Human Collectin-11 (C-6His)
Catalog #: PHH0420

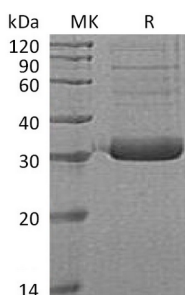


概述 (Summary)

英文全称	CL-K1/COLEC11
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 Collectin-11 is produced by our Mammalian expression system and the target gene encoding Gln26-Met271 is expressed with a 6His tag at the C-terminus.
Accession #	Q9BWP8
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	27.14 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)

Collectin-11; Collectin Kidney Protein 1; CL-K1; COLEC11

背景介绍 (References)

Collectin-11 is a secreted protein that belongs to the COLEC10/COLEC11 family. Collectin-11 contains one C-type lectin domain and one collagen-like domain. Collectins play important roles in the innate immune system by binding to carbohydrate antigens on microorganisms, facilitating their recognition and removal. Collectin-11 binds to various sugars including fucose and mannose, but does not bind to glucose, N-acetylglucosamine and N-acetylgalactosamine. It has a higher affinity for fucose compared to mannose. Collectin-11 binds lipopolysaccharides (LPS). It also involved in fundamental development serving as a guidance cue for neural crest cell migration. Defects in Collectin-11 are the cause of 3MC syndrome type 2 (3MC2).

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.