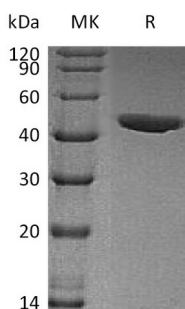


概述 (Summary)

英文全称	Chitinase-3-like protein 1/CHI3L1
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 Chitinase-3-Like Protein 1 is produced by our Mammalian expression system and the target gene encoding Tyr22-Thr383 is expressed with a 6His tag at the C-terminus.
Accession #	P36222
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	41.5 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 300mM NaCl, 2mM EDTA, pH8.5.
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 Human CHI3L1 (C-6His)
Catalog #: PHH0402



背景 (Background)

分子别名 (Alternative Names)

Chitinase-3-Like protein 1; 39 kDa Synovial Protein; Cartilage Glycoprotein 39; CGP-39; GP-39; hCGP-39; YKL-40; CHI3L1

背景介绍 (References)

Chitinase-3-Like Protein 1 (CHI3L1) belongs to the glycosyl hydrolase 18 family. CHI3L1 is expressed in activated macrophages, articular chondrocytes, synovial cells as well as in liver. It lacks chitinase activity and is secreted by activated macrophages, chondrocytes, neutrophils and synovial cells. CHI3L1 is thought to play a role in defense against pathogens, or in tissue remodeling, and in the capacity of cells to respond to and cope with changes in their environment. In addition, CHI3L1 is associated with susceptibility to asthma-related traits type 7 (ASRT7) which assessed by methacholine challenge test, serum IgE levels, atopy, and atopic dermatitis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.