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CHI3L1, 22-383aa, Human, His-tag, Baculovirus

产品货号: TP01604

第三版

别名: Chitinase-3-like protein 1, CHI3L1, ASRT7, CGP-39, GP-39, GP39, HC-gp39, hCGP-39, HCGP-3P, YKL-40, YYL-40, 39 kDa synovial protein, ASRT7, Cartilage glycoprotein 39CGP-39, CGP39.

描述: CHI3L1, also known as chitinase-3-like protein 1, is a member of the glycosyl hydrolase 18 family. This protein can bind heparins, probably as heparin sulfate. It has been found to enhance cell adhesion and promote cell signaling, proliferation and tumor angiogenesis. Elevated serum CHI3L1 levels occur in some conditions characterized by inflammation and connective tissue remodeling such as arthritis, chronic obstructive pulmonary disease, diabetes, cardiovascular disease, inflammatory bowel disease, and liver cirrhosis. Recombinant human CHI3L1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol, 1mM DTT

分子量: 41.4kDa (370aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

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YKLVCCYYTSWSQYREGDGSCFPDALDRFLCTHIIYSFANISNDHIDTWEWNDVTLYGMLNLTKNRNPNLKTLLSVGGWN  
FGSQRFSKIASNTQSRRTFIKSVPPFLRTHGFDGLDLAWLYPGRGDKQHFTTLIKEMKAEFIKEAQP GK KQLLLSAALSAGK  
VTIDSSYDIAKISQHLDFISIMTYDFHGAWRGTTGHHSPFRGQEDASPDRFSNTDYAVGYMLRLGAPASKLVMGIPTFGRS  
FTLASSETGVGAPISGPGIPGRFTKEAGTLAYYEICDFLRGATVHRILGQQVPYATKGNQWVGYYDDQESVKSKVQYLKDR  
QLAGAMVWALDLDLDFQGSFCGQDLRFPLTNAIKDALAATLEHHHHHH
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纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.