

CHAMOT

Recombinant Human CHI3 L1

CM147-5HP
CM147-20HP
CM147100HP
CM147-500HP
CM147-1000HP



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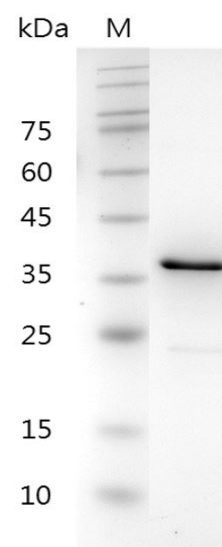
Recombinant Human CHI3L1 (Chitinase-3-like protein 1)

编号:	CM147-5HP CM147-20HP CM147100HP CM147-500HP CM147-1000HP	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: Chitinase-3-like protein 1 (CHI3L1), also known as YKL-40, is a secreted glycoprotein that is approximately 40kDa in size that in humans is encoded by the CHI3L1 gene. Elevated levels of CHI3L1 are associated with disorders exhibiting increased connective tissue turnover, such as rheumatoid, arthritis, osteoarthritis, scleroderma, and cirrhosis of liver, but is produced in cartilage from old donors or patients with osteoarthritis. CHI3L1 is abnormally expressed in the hippocampus of subjects with schizophrenia and may be involved in the cellular response to various environmental events that are reported to increase the risk of schizophrenia.

来源: *Escherichia coli*
纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.
内毒素检测: <0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列: MYKLVCYYTWSQYREGDGSCFPDA
 LDRFLCTHIIYSFANISNDHIDTWEW
 NTLYGMLNTLKNRNPNLKTLLSVGG



SDS-PAGE analysis of recombinant human CHI3L1

WNFGSQRFASKIASNTQSRRTFIKSVPP
 FLRTHGFDGLDLAWLYPGRRDKQHF
 TTLIKEMKAEFIKEAQPGKKQLLLSAAL
 SAGKVTIDSSYDIAKISQHLDFISIMTY
 DFHGAWRGTTGHHSPFLFRGQEDASP
 DRFSNTDYAVGYMLRLGAPASKLVM
 GIPTFGRSFTLASSETGVGAPISGPGIP
 GRFTKEAGTLAYYEICDFLRGATVHRIL
 GQQVPYATKGNQWVGYYDDQESVKS
 KVQYLKDRQLAGAMVWALDLDDFQ
 GSFCGQDLRFPLTNAIKDALAAT with
 polyhistidine tag at the C-terminus

产品组成

成分：从含有 1X PBS, pH 7.4 溶液中冻干的蛋白质.

产品储存/运输

产品形式	储存温度	储存时间
冻干粉	-20°C至-80°C	自收到之日起1年
重悬液（初始）	2°C至8°C	不超过1周
重悬液（经稀释）	-20°C至-80°C	3到6个月

运输方式：蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100µg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8°C无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1% BSA、10% FBS 或5% HSA）的溶液进一步稀释（不低于10ug/mL）后分装保存，-20°C至-80°C无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry;
 FACS= Fluorescence activated Cell Sorting; FA= Functional Assay