

CHAMOT

Recombinant Human PGA5

CM134-5HP
CM134-20HP
CM134-100HP
CM134-500HP
CM134-1000HP



CHAMOT

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Recombinant Human PGA5 (Pepsinogen A5)

编号:	CM134-5HP CM134-20HP CM134-100HP CM134-500HP CM134-1000HP	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

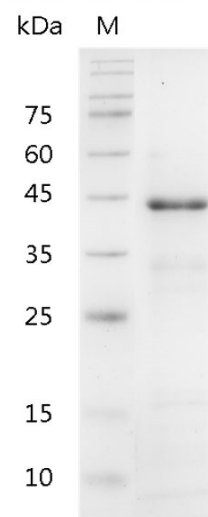
描述: Pepsins are aspartic proteases that are synthesized in the gastric mucosa and secreted into the stomach. They are released as zymogens called pepsinogens which are then converted to active pepsins by the acidic pH of gastric juices (1-3). PGA3, PGA4, and PGA5 are human Pepsinogen A isozymogens that differ in sequence by 24 amino acid (aa) residues (4, 5). Diseases associated with PGA5 include Atrophic Gastritis and Gastritis.

来源: *Escherichia coli*

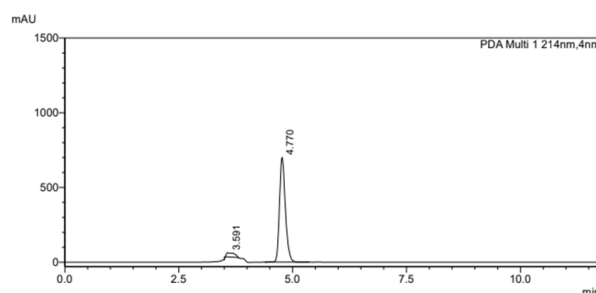
纯度: >95% as determined by SDS-PAGE and SEC-HPLC.

内毒素检测: <0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列: MKWLLLLGLValsecIMYKVPLIRKKS
 LRRTLSErGLLKDFLKKHNLNPARKYF
 PQWEAPTLVDEQPLENYLDMeyFGTI
 GIGTPAQDFTVVFDTGSSNLWVPSVY
 CSSLACTNHNrFNPEDSSTYQSTSET
 VSITYGTGSMTGILGYDTVQVGGISDT
 NQIFGLSETEPGSFLYYAPFDGILGLAY
 PSISSSGATPVFDNIWNQGLVSQDLF
 SVYLSADDKSGSVVIFGGIDSSYYTGSL
 NWVPVTVEGYWQITVDSITMNGETIA
 CAEGCQAIVDTGTSLLTGPTSPIANIQS
 DIGASENSDGMVVSCSAISSLPDIV
 FTINGVQYPVPPSAYILQSEGSCISGFQ
 GMNVPTESGELWILGDVFIRQYFTVFD
 RANNQVGLAPVA with polyhistidine
 tag at the C-terminus



SDS-PAGE analysis of recombinant human PGA5



The purity of recombinant human PGA5 is greater than 95% as determined by SEC-HPLC.

产品组成

成分：从含有 1X PBS, pH 8.0 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℃至-80℃	自收到之日起1年
重悬液 (初始)	2℃至8℃	不超过1周
重悬液 (经稀释)	-20℃至-80℃	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℃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℃至-80℃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