

# CHAMOT

## Recombinant Human PROS1

CM188-5HP

CM188-20HP

CM188-100HP

CM188-500HP

CM188-1000HP



CHAMOT

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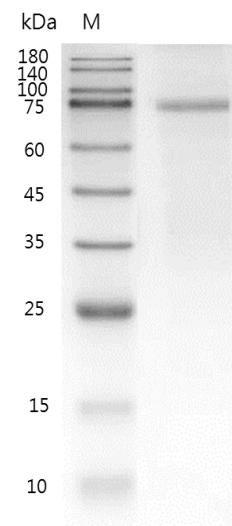
## Recombinant Human PROS1(Vitamin K-dependent protein S)

编号:	CM188-5HP CM188-20HP CM188-100HP CM188-500HP CM188-1000HP	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:** PROS1, also known as protein S, is a vitamin K-dependent protein that plays a crucial role in the regulation of blood coagulation. It functions as a cofactor for protein C, another key player in the coagulation cascade. PROS1 acts as an anticoagulant by inhibiting the activity of certain clotting factors and promoting the breakdown of blood clots. It helps maintain the balance between clotting and anticoagulation, preventing the formation of excessive blood clots that can lead to thrombosis.

**来源:** *Escherichia coli*  
**纯度:** >95% as determined by SDS-PAGE.  
**生物学活性:** Testing in process  
**内毒素检测:** < 1 EU per 1 µg of the protein by the LAL method.  
**蛋白序列:** A DNA sequence encoding Human PROS1 Protein (#P07225)(Ala42-Ser676) was expressed with polyhistidine-SUMO tag at the N-terminus.



SDS- PAGE analysis of recombinant human PROS1

## 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℃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