# CHAMOT

## Recombinant Human MMP7 (proenzyme)

CM131-5HP
CM131-20HP
CM131-100HP
CM131-500HP
CM131-1000HP

CHAMOT
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CHAMOT BIOTECHNOLOGY CO. LTD.

CONTENT

# Recombinant Human MMP7 (proenzyme)

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|---|---|---|---|
| 编号: | CM131-5HP<br>CM131-20HP<br>CM131-100HP<br>CM131-500HP<br>CM131-1000HP | 规格: | 5 μg<br>20 μg<br>100 μg<br>500 μg<br>1 mg |
| 类别: | 重组蛋白 | 应用: | Functional Assay |

## 产品简介

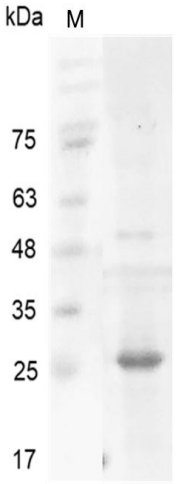
描述: Matrilysin, also known as matrix metalloproteinase-7 (MMP-7), pump-1 protease (PUMP-1), or uterine metalloproteinase is an enzyme in humans that is encoded by the MMP7 gene. MMP-7 is the smallest of all the MMPs consisting of a pro-peptide domain and a catalytic domain. It lacks the hemopexin-like domain common to other members of the MMPs. MMP-7 is widely expressed having been reported in elevated levels in cycling endometrium as well as in colorectal cancers and adenomas, hepatocellular carcinomas, rectal carcinomas, and approximately 50% of gliomas.

来源: *Escherichia coli*

纯度: >95% 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: MRLTVLCAVCLLPGSLALPLPQEAGG MSELQWEQAQDYLKRFYLYDSETKN ANSLEAKLKEMQKFFGLPITGMLNSH VIEIMQKPRCGVPDVAEYSLFPNSPK WTSKVVTYRIVSYTRDLPHITVDRLVS KALNMWGKEIPLHFRKVVWGTADIM IGFARGAHGDSYPFDGPGNTLAHAFA PGTGLGGDAHFDEDERWTDGSSLGI NFLYAATHELGHSLGMGHSSDPNAV MYPTYGNGDPQNFKLSQDDIKGIQKL




SDS-PAGE analysis of recombinant human MMP7 (proenzyme)

YGKRSNSRKK with polyhistidine tag at the C-terminus

## 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