

# CHAMOT

**Recombinant 4-1BBL, Human, GMP**

CM085-100HPG  
CM085-1000HPG



**CHAMOT**

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## Recombinant 4-1BBL (4-1BB Ligand), Human, GMP

编号:	CM085-100HPG CM085-1000HPG	规格:	100 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

### 产品简介

**描述:** 4-1BBL is a transmembrane cytokine that is part of the tumor necrosis factor (TNF) ligand family. Recombinant human 4-1BBL is intended for use in cell culture applications. 4-1BBL and its interaction with 4-1BB is involved in the antigen presenting process, proliferation of CD4 and CD8 positive T-cells, as well as cytokine secretion from T-cells.

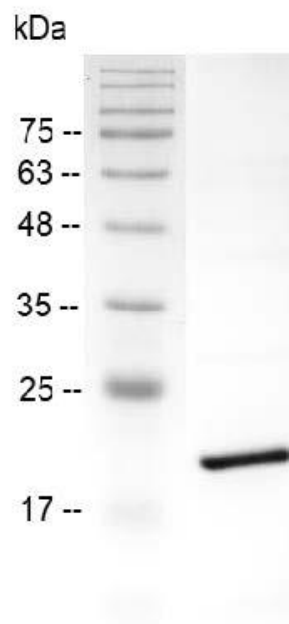
**来源:** *Escherichia coli*.  
Animal-free reagent and laboratory.  
Manufactured and tested under GMP guideline.

**纯度:** >95% as determined by SDS-PAGE analysis. SDS-PAGE analysis of recombinant 4-1BBL , Human, GMP

**生物学活性:** Measure by its ability to induce IL-8 secretion in human PBMCs. The ED<sub>50</sub> for this effect is 1-5 ng/mL.

**内毒素检测:** <0.05 EU per 1 µg of the protein by the LAL method.

**蛋白序列:** MREGPELSPDDPAGLLDLRQGMFAQLVAQNV  
LLIDGPLSWYSDPGLAGVSLTGGLSYKEDTKELV  
VAKAGVYYVFFQLELRRVVAGEGSGSVSLALHL  
QPLRSAAGAAALALTVDLPPASSEARNSAFGF  
QGRLLHLSAGQRLGVHLHTEARARHAWQL  
TQGATVLGLFRVTPEIPAGLPSRSE 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,  
无任何动物源性成分.

## 产品储存

储存: -20°C冻干粉保存 1 年.  
运输: 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。

## 产品规范

CHAMOT GMP recombinant proteins are manufactured in ISO 13485:2016 and GMP certified facility. The processes include:

- ★Testing and traceability of raw material
- ★Records of the maintenance and equipment calibration
- ★Personnel training records
- ★Batch-to-batch consistency
- ★Documentation of QA control and process changes
- ★Manufactured and tested under an ISO 13485:2016 certified quality management system
- ★Stability monitor of product shelf-life

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

**CHAMOT Biotechnology (Shanghai) Co., Ltd.**

**For Research Use Only. Not for use in diagnostic or therapeutic procedures**