

CHAMOT

Recombinant Human IL-12 (p70), His Tag,
HEK293

CM182-5HP
CM182-20HP
CM182-100HP
CM182-500HP
CM182-1000HP



CHAMOT

喬默生物技術(上海)有限公司
CHAMOT BIOTECHNOLOGY CO., LTD.

CONTENT

1 产品简介

2 产品组成

3 产品储存

4 产品使用

Recombinant Human IL-12 (p70), His Tag, HEK293

编号:	CM182-5HP CM182-20HP CM182-100HP CM182-500HP CM182-1000HP	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: Active IL-12 is a p70 disulfide-linked dimer composed of p35 and p40 subunits. The protein is a pleiotropic cytokine produced primarily by antigen presenting cells and has multiple effects on T lymphocytes and natural killer cells in terms of stimulating cytotoxicity, proliferation, production of other cytokines and Th1 subset differentiation.

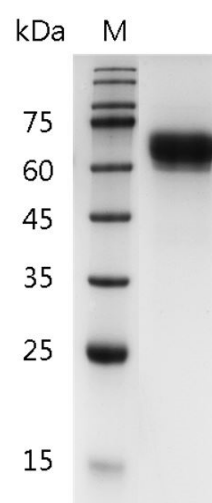
来源: *HEK293*

纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.

生物学活性: Measure by its ability to induce IFN gamma secretion in PHA-activated human peripheral blood lymphocytes (PBMC). The ED₅₀ for this effect is 0.05 - 0.2 ng/mL.

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

蛋白序列:
IWELKKDVYVVELDWYPDAPGEMVVL
TCDTPEEDGITWTLDSSEVLGSGKTLT
IQVKEFGDAGQYTCHKGGEVLSHSLLL
LHKKEDGIWSTDILKDQKEPKNKTFLR
CEAKNYSGRFTCWWTISTDLTFSVK
SSRGSSDPQGVTCGAATLSAERVRGD
NKEYEYSVECQEDSACPAAEESLPIEV
MVDAVHKLKYENYTSSFFIRDIIKPDPP
KNLQLKPLKNSRQVEVSWEYPDTWST
PHSYFSLTFCVQVQGKSKREKKDRVFT



SDS-PAGE analysis of recombinant human IL-12(p70), His Tag, HEK293

DKTSATVICRKNASISVRAQDRYYSSS
 WSEWASVPCSGSTSGSGKPGSGEGS
 TKGRNLPVATPDPGMFPC LHHSQNL
 LRAVSNMLQKARQTLEFYPTSEEIDH
 EDITKDKTSTVEACLPLELTKNESCLNS
 RETSFITNGSCLASRKTSFMMALCLSSI
 YEDLKMYQVEFKTMNAKLLMDPKRQ
 IFLDQNM LAVIDELMQALNFNSETVP
 QKSSLEEPDFYKTKIKLCILLHAFRIRAV
 TIDRVMSYLNASHHHHHH 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