CHAMOT

Recombinant Human/Mouse/Rat BDNF

CM135-5HP
CM135-20HP
CM135-100HP
CM135-500HP
CM135-1000HP

CHAMOT
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Recombinant Human/Mouse/Rat BDNF (Brain-derived neurotrophic factor)

编号:	CM135-5HP	规格:	5 μg
	CM135-20HP		20 μg
	CM135-100HP		100 μg
	CM135-500HP		500 μg
	CM135-1000HP		1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

描述: BDNF, also known as Brain-derived neurotrophic factor, is encoded by the BDNF Gene in human. BDNF is a member of the neurotrophin family of growth factors, which are related to the canonical nerve growth factor. Neurotrophic factors are found in the brain and the periphery. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (LTP), long-term depression (LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability.

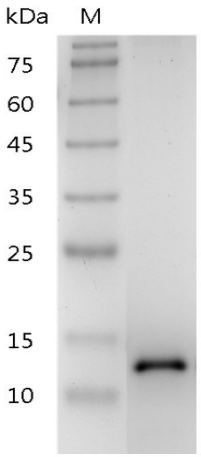
来源: *Escherichia coli*

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

生物学活性: Measure by its ability to induce proliferation in BaF3 cells transfected with TrkB. The ED_{50} for this effect is <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: MHSDPARRGELSVCDSISEWVTAAD KKTAVDMSGGTVTVLEKVPVSKGQLK QYFYETKCNPMGYTKEGCRGIDKRH WNSQCRTTQSYVRALTMDSKKRIGW RFIRIDTSCVCTLTIKRGR with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant H/M/R BDNF

产品组成

成分： 从含有 20 mM sodium citrate, 0.2 M NaCl， pH 3.5 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℃可无菌保存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