

CHAMOT

Recombinant Human Heregulin Beta 1

CM187-5HP

CM187-20HP

CM187-100HP

CM187-500HP

CM187-1000HP



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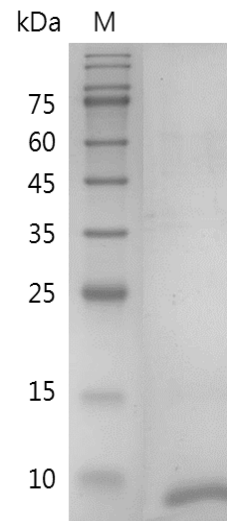
Recombinant Human Heregulin Beta 1

编号:	CM187-5HP CM187-20HP CM187-100HP CM187-500HP CM187-1000HP	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: Neuregulin-1 (NRG-1, also called heregulin1 or neu differentiation factor) is a glycoprotein that belongs to the neuregulins family. Structurally, Neuregulin-1 harbors tissue-specific N terminal sequence, followed by immunoglobulin-like (Ig-like) domains, an EGF-like domain, a transmembrane domain, and a cytoplasmic domain. NRG1 has multiple isoforms produced by alternative splicing. Heregulin-1 (HRG-1) is one of the isoforms, has been reported to engage the development and survival of cardiomyocytes derived from embryonic stem (ES) cells via activating MAPK-ERK and PI3K-AKT pathways. Moreover, HRG-1 plays a central role in promoting the proliferation of neuronal progenitors from embryonic neural stem cells.

来源: *Escherichia coli*
纯度: >95% as determined by SDS-PAGE.
生物学活性: Measure by its ability to induce MCF-7 cells proliferation. The ED₅₀ for this effect is < 10 ng/mL.
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 Heregulin Beta 1 Protein (#Q02297-6)(Ser177-Glu241) was expressed with polyhistidine tag at the C-terminus.



SDS- PAGE analysis of recombinant human Heregulin Beta 1

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