

CHAMOT

Recombinant Human Wnt-3a Surrogate

CM193-5HP

CM193-20HP

CM193-100HP

CM193-500HP

CM193-1000HP



CHAMOT

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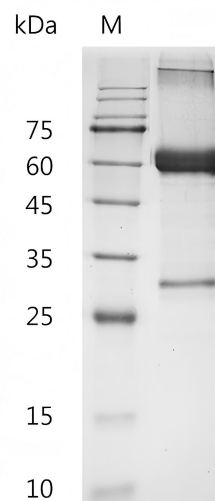
Recombinant Human Wnt-3a Surrogate

| | | | |
|-----|--------------|-----|--------------|
| 编号: | CM193-5HP | 规格: | 5 µg |
| | CM193-20HP | | 20 µg |
| | CM193-100HP | | 100 µg |
| | CM193-500HP | | 500 µg |
| | CM193-1000HP | | 1 mg |
| 类别: | 重组蛋白 | 应用: | Cell Culture |

产品简介

描述: Wnt3a is a secreted glycoprotein that activates the canonical Wnt/ - catenin signaling pathway, playing a crucial role in embryonic development, tissue homeostasis, and injury repair. However, its experimental application is hindered by poor solubility and cross-reactivity with multiple Frizzled receptors. To address these challenges, engineered Wnt3a surrogate proteins have been developed. These surrogates are water-soluble and designed to specifically bind to targeted Frizzled receptors, effectively mimicking natural Wnt3a activity with enhanced precision. This specificity and improved solubility make Wnt3a surrogates valuable tools in research areas such as organoid culture, stem cell maintenance, and studies of developmental biology.

来源: HEK293 cell
纯度: >95% as determined by SDS-PAGE.
生物学活性: Testing in process
内毒素检测: < 0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列: Human Wnt-3a Surrogate protein is expressed from HEK293 with human IgG1 Fc tag at the C-terminus.
支原体: Not detected



SDS- PAGE analysis of recombinant human Wnt-3a Surrogate

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100 µg/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