

Recombinant Human GDF15 / MIC-1 Protein, His Tag

重组人生长分化因子-15

产品信息

| 产品名称 | 产品编号 | 规格 |
|---|-----------|--------|
| Recombinant Human GDF15 / MIC-1 Protein, His Tag 重组人生长分化因子-15 | 92008ES25 | 25 µg |
| | 92008ES60 | 100 µg |
| | 92008ES76 | 500 µg |

产品描述

生长分化因子 15 (GDF15), 也称为 NSAID 激活基因-1 (NAG-1), 与许多生物过程和疾病有关, 包括癌症和肥胖症。GDF15 前体为 pro-GDF15, 二聚化, 裂解后作为成熟二聚体 GDF15 分泌到循环中。

性能参数

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| 蛋白别名 (Synonyms) | GDF-15; MIC-1; NAG-1; PDF; PLAB; PTGFB; GDF15; MIC1; RG-1; Placental TGF-beta; PTGF-beta; PTGFBPTGF-beta; Placental TGF-β; PTGF-β; PTGFBPTGF-β |
| 种属 (Species) | Human |
| 表达系统 (Source) | E.coli |
| 表达序列 (Sequence) | Ala197-Ile308 |
| Accession | Q99988-1 |
| 标签 (Tag) | N-His |
| 分子量 (Molecular Weight) | The protein has a predicted MW of 13.5 kDa. The protein migrates to 15-16 kDa based on Bis-Tris PAGE result. |
| 内毒素 (Endotoxin) | < 1 EU/µg by the LAL method. |
| 纯度 (Purity) | > 95% as determined by Bis-Tris PAGE |
| 活性 (Activity) | Blocking Data: Serial dilutions of Anti-GDF15 Antibody were added into Human GDF15, His Tag : Biotinylated Human GFRAL, His Tag binding reactions. The half maximal inhibitory concentration (IC50) is 40.8ng/ml. ELISA Data: Immobilized Human GDF15, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Human GFRAL, hFc Tag with the EC50 of 11.5ng/ml determined by ELISA . SPR Data: Human GFRAL, hFc Tag captured on CM5 Chip via Protein A can bind Human GDF15, His Tag with an affinity constant of 0.014 nM as determined in SPR assay. |

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| 制剂 (Formulation) | Lyophilized from 0.22 μ m filtered solution in 50mM HAc (pH 2.9). Normally 8% trehalose is added as protectant before lyophilization. |
| 外观 (Appearance) | 冻干粉 |

储存条件

-25~-15°C保存, 收到货之后有效期1年。复溶后, 2~8 °C 保存, 7天有效期。复溶后, -85~-65°C保存, 3个月有效期。

复溶方法

开盖之前, 先离心。建议复溶浓度超过 100 μ g/ml。将冻干的蛋白质溶解在 50mM HAc (pH 2.9) 中。

注意事项

- 1.为了您的安全和健康, 请穿实验服并戴一次性手套操作。
- 2.本产品仅作科研用途。