

Recombinant Biotinylated Human/Cynomolgus Activin RIIB/ACVR2B Protein,His-Avi Tag

产品信息

| 产品名称 | 产品编号 | 规格 |
|---|-----------|--------|
| Recombinant Biotinylated Human/Cynomolgus Activin RIIB/ACVR2B Protein,His-Avi Tag | 95850ES25 | 25 µg |
| | 95850ES60 | 100 µg |
| | 95850ES76 | 500 µg |

性能参数

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| 蛋白别名 (Synonyms) | Activin receptor type-2B; ACVR2B; Activin RIIB |
| 种属 (Species) | Human/Cynomolgus |
| 表达系统 (Source) | HEK293 |
| 表达序列 (Sequence) | Ser19-Thr137 (Human) / Ser40-Thr158 (Cynomolgus) |
| Accession | Q13705-1(Human) / XP_045242398.1(Cynomolgus) |
| 标签 (Tag) | C-His-Avi |
| 分子量 (Molecular Weight) | The protein has a predicted MW of 16.56 kDa. Due to glycosylation, the protein migrates to 33-43 kDa based on Bis-Tris PAGE result. |
| 内毒素 (Endotoxin) | Less than 1EU per µg by the LAL method. |
| 纯度 (Purity) | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC |
| 活性 (Activity) | <p>ELISA Data: Immobilized Human Activin A, No Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human/Cynomolgus Activin RIIB, His Tag with the EC50 of 53.8ng/ml determined by ELISA .</p> <p>ELISA Data: Immobilized Biotinylated Human/Cynomolgus Activin RIIB, His Tag at 0.5 µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-Activin RIIB Antibody, hFc Tag with the EC50 of 5.8ng/ml determined by ELISA.</p> <p>SPR Data: Biotinylated Human/Cynomolgus Activin RIIB, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human Activin A, No Tag with an affinity constant of 55.35 pM as determined in SPR assay .</p> |

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| | SPR Data: Biotinylated Human/Cynomolgus Activin RIIB, His Tag immobilized on CM5 Chip can bind Anti-Activin RIIB Antibody, hFc Tag with an affinity constant of 6.44 pM as determined in SPR assay . |
| 制剂 (Formulation) | Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| 外观 (Appearance) | 冻干粉 |

储存条件

-25~-15℃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℃保存，3 个月有效期。

复溶方法

开盖之前，先离心。使用蒸馏水复溶冻干的蛋白质，复溶浓度超过 100 μ g/mL。建议首次使用时将蛋白分装为每次实验用量，避免反复冻融。

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。