Ramatercept（研究用级别）

Research Grade Ramatercept

货号：RB9T37016261

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37016261

中文名称
Ramatercept（研究用级别）

英文名称
Research Grade Ramatercept

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

内毒素水平
Please contact the lab for this information.

应用
ELISA, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
O14793

抗体亚型
Fusion - [ACVR2B (activin A receptor type 2B, ActR

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
1.9mg/ml

种属反应性
Human

靶标

GDF-8, GDF8, MSTN, Myostatin, Growth/differentiation factor 8

背景信息

Ramatercept (ACE-031) is a soluble ActRIIB receptor and can be used as a soluble activin receptor 2 (ACVR2) antagonist. Ramatercept inhibits the signal pathway of muscle growth inhibition and has potential application in muscle atrophy.

• Targeting the myostatin signaling pathway to treat muscle loss and metabolic dysfunction., PMID:33938454

• Regulation of skeletal muscle mass in mice by a new TGF-beta superfamily member., PMID:9139826

• GDF8 inhibition enhances musculoskeletal recovery and mitigates posttraumatic osteoarthritis following joint injury., PMID:38019905

• Growth differentiation factor 8 down-regulates pentraxin 3 in human granulosa cells., PMID:25641196

• Growth differentiation factor myostatin regulates epithelial-mesenchymal transition genes and enhances invasion by increasing serine protease inhibitors E1 and E2 in human trophoblast cells., PMID:37738042

• Growth differentiation factor 8 induces SKOV3 ovarian cancer cell migration and E-cadherin down-regulation., PMID:27481097

• Circulating Growth Differentiation Factor 11/8 Levels Decline With Age., PMID:26489925

• Crystal structure of the WFIKKN2 follistatin domain reveals insight into how it inhibits growth differentiation factor 8 (GDF8) and GDF11., PMID:30814254

• Effects of growth differentiation factor 8 on steroidogenesis in human granulosa-lutein cells., PMID:26607022

• Molecular characterization of latent GDF8 reveals mechanisms of activation., PMID:29348202

别名

ACE-031, ActRIIB-IgG1, ActRIIb:FcFusionProtein, HGT-4510, RAP-031, 1169766-01-1

储存缓冲液

0.01M PBS, pH 7.4.

稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

For research use only. Not suitable for clinical or therapeutic use.