Luspatercept（研究用级别）

Research Grade Luspatercept

货号：RB9T37016260

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
RB9T37016260

中文名称
Luspatercept（研究用级别）

英文名称
Research Grade Luspatercept

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
O95390

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
7mg/ml

种属反应性
Human

靶标

GDF11, BMP-11, BMP11, Growth/differentiation factor 11, GDF-11, Bone morphogenetic protein 11

背景信息

Luspatercept (ACE-536) is a recombinant modified ActRIIB fusion protein that binds with transforming growth factor β superfamily ligands. Luspatercept increases the erythrocyte numbers and promotes maturation of erythroid precursors. Luspatercept binds with GDF11 and inhibits Smad2/3 signaling. Luspatercept can be used for the research of anemia.

• GDF11: An emerging therapeutic target for liver diseases and fibrosis., PMID:38494851

• Neonatal Systemic AAV-Mediated Gene Delivery of GDF11 Inhibits Skeletal Muscle Growth., PMID:29503194

• GDF11/BMP11 activates both smad1/5/8 and smad2/3 signals but shows no significant effect on proliferation and migration of human umbilical vein endothelial cells., PMID:26919250

• GDF11 rapidly increases lipid accumulation in liver cancer cells through ALK5-dependent signaling., PMID:33684566

• Regulation of anterior/posterior patterning of the axial skeleton by growth/differentiation factor 11., PMID:10391213

• Induction of reparative dentin formation by ultrasound-mediated gene delivery of growth/differentiation factor 11., PMID:12718768

别名

ACE-536, luspatercept-aamt, 1373715-00-4

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.