

ACVR2A (C-6His), Human, Recombinant

货号 : PCK106

产品信息

别名	Activin Receptor Type-2A; Activin Receptor Type IIA; ACTR-IIA; ACTRIIA; ACVR2A; ACVR2
物种	Human
表达宿主	Human Cells
序列信息	Ala20-Pro134
检索号	P27037
分子量	14.35 kDa

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per μg as determined by LAL test.
保存	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
运输	Ambient temperature or ice pack.
制剂	Supplied as a 0.2 μm filtered solution of 20mM PB, 300mM NaCl, 10% Glycerol, 5% Trealose, pH7.4.



背景介绍

Activin Receptor Type-2A is a Protein that in humans is encoded by the ACVR2A gene. ACVR2A is an activin type 2 Receptor. This gene encodes activin A type II Receptor. Activins are dimeric growth and differentiation factors which belong to the transforming Growth Factor-beta (TGF-beta) superfamily of structurally related signaling Proteins. Activins signal through a heteromeric complex of Receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) Receptors. These Receptors are all transmembrane Proteins, composed of a Ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/ threonine specificity. Type I Receptors are essential for signaling; and type II Receptors are required for binding Ligands and for expression of type I Receptors. Type I and II Receptors form a stable complex after Ligand binding, resulting in phosphorylation of type I Receptors by type II Receptors. Type II Receptors are considered to be constitutively active kinases.

SDS-PAGE

