

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; Pricella

ACVR2A; ACVR2

物种 Human

表达宿主 Human Cells PT

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°C, stable for 6 months after receipt. Store at \leq -70°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.

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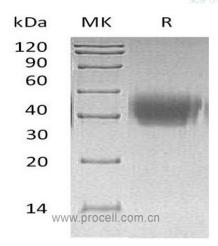




背景介绍

Activin Receptor Type-2A is a Protein that in humans is encoded by the ACVR2A gene. ACVR2A is an activintype 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 serinekinases 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, atransmembrane domain, and a cytoplasmic domain with predicted serine/ threonine specificity. Type IReceptors are essential for signaling; and type II Receptors are required for binding Ligands and forexpression of type I Receptors. Type I and II Receptors form a stable complex after Ligand binding, resultingin phosphorylation of type I Receptors by type II Receptors. Type II Receptors are considered to beconstitutively active kinases.

SDS-PAGE



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