

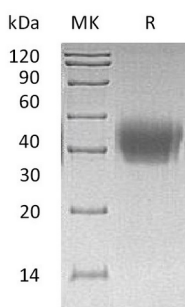
Product Name: Recombinant Human ACVR2A (C-6His)
Catalog #: PHH1917



概述 (Summary)

英文全称	Activin RIIA/ACVR2A/Activin receptor type IIA
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Activin Receptor Type-2A is produced by our Mammalian expression system and the target gene encoding Ala20-Pro134 is expressed with a 6His tag at the C-terminus.
Accession #	P27037
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	14.35 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM PB, 300mM NaCl, 10% Glycerol, 5% Trealose, pH7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Activin Receptor Type-2A; Activin Receptor Type IIA; ACTR-IIA; ACTRIIA; ACVR2A; ACVR2

背景介绍 (References)

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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.