

ACVR2A 抗原（重组蛋白）

中文名称：ACVR2A 抗原（重组蛋白）

英文名称：ACVR2A Antigen (Recombinant Protein)

别名：Activin A receptor, type IIA; ACVR2; ACTRII

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 195-485 amino acids of human ACVR2A

技术规格：

Full name:	Activin A receptor, type IIA
Synonyms:	ACVR2; ACTRII
Swissprot:	P27037
Gene Accession:	BC069707
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 r

egion, 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.