9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-9704: Recombinant Human Activin Receptor 2B/Activin RIIB/ACVR2B (C-Fc-6His)

Alternative Name : Activin Receptor Type-2B, Activin Receptor Type IIB, ACTR-IIB, ACVR2B

Description

Source : Human Cells;
Activin proteins that belong to the transforming growth factor-beta (TGF-Beta) superfamily, exert their biological actions by binding to heteromeric receptor complexes of type I and type II serine/threonine kinase receptors. On ligand binding, type I and II receptors form a stable complex, resulting in phosphorylation of type I receptors by type II receptors with constitutive kinase activity, and subsequently initiates the activation of downstream molecules including the endogenous Smads. ActRIIB, also known as ActRIIB, is a type II receptor containing an extracellular domain (ECD), a transmembrane segment, and a cytoplasmic region that includes the kinase domain. ActRIIB is a receptor for activin A, activin B and inhibin A. Multiple ActRIIB isoforms can also be generated, which bind activin isoforms with different affinities.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Amino Acid : Recombinant Human Activin Receptor IIB is produced by our Mammalian expression system and the target gene encoding Ser19-Thr134 is expressed with a Fc, 6His tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.