

32-9672: Recombinant Human BMP Receptor II/BMPR2/PPH1 (C-Fc-6His)

Alternative Name : Bone Morphogenetic Protein Receptor Type-2, BMP Type-2 Receptor, BMPR-2, Bone Morphogenetic Protein Receptor Type II, BMP Type II Receptor, BMPR-II, BMPR2, PPH1

Description

Source : Human Cells;

Bone Morphogenetic Protein Receptor II (BMPR-II) is a Type II Serine/Threonine Kinase that mediates cellular responses to BMPs. BMPR-II is characterized by lacking of a GS domain, and presence of a C-terminal extension typical of type II receptors. BMPRII binds BMP2, BMP4 and BMP7 weakly in the absence of type I receptor, and the binding can be facilitated by the presence of the type I receptor, including BMPR-IA/Brk1, BMPR-IB, and ActR-I. BMPR-II plays a key role in cell growth. Defects in BMPR-II have been linked to primary pulmonary hypertension. Human and mouse BMPR-II are highly conserved and share 97 % amino acid sequence identity.

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 BMP Receptor II is produced by our Mammalian expression system and the target gene encoding Ser27-Ile151 is expressed with a Fc, 6His tag at the C-terminus.