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Recombinant Human Bone Morphogenetic Protein Receptor Type IIA Protein

产品货号: TP04702

第三版

别名: 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

描述: 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.

配方: PBS

分子量: 15.1 kDa

序列: Ser27-Ile151

纯度: > 95% by HPLC

浓度:

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.