

BMPR2 抗原（重组蛋白）

中文名称：BMPR2 抗原（重组蛋白）

英文名称：BMPR2 Antigen (Recombinant Protein)

别名：bone morphogenetic protein receptor, type II (serine/threonine kinase); BMR2; PPH1; BMPR3; BRK-3; T-ALK; BMPR-II

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from C terminal 250 amino acids of human BMPR2

技术规格：

Full name:	bone morphogenetic protein receptor, type II (serine/threonine kinase)
Synonyms:	BMR2; PPH1; BMPR3; BRK-3; T-ALK; BMPR-II
Swissprot:	Q13873
Gene Accession:	BC052985
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 a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs, which are members of the TGF-beta superfamily. BMPs are involved in endochondral bone formation and embryogenesis. These proteins transduce th

eir signals through the formation of heteromeric complexes of two different types of serine (threonine) kinase receptors: type I receptors of about 50-55 kD and type II receptors of about 70-80 kD. Type II receptors bind ligands in the absence of type I receptors, but they require their respective type I receptors for signaling, whereas type I receptors require their respective type II receptors for ligand binding. Mutations in this gene have been associated with primary pulmonary hypertension, both familial and fenfluramine-associated, and with pulmonary venoocclusive disease.