

BMPR1B 抗原（重组蛋白）

中文名称：BMPR1B 抗原（重组蛋白）

英文名称：BMPR1B Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 174-494 amino acids of human BMPR1B

技术规格

Full name:	bone morphogenetic protein receptor, type IB
Synonyms:	ALK6; ALK-6; CDw293
Swissprot:	O00238
Gene Accession:	BC047773
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 their signals through the formation of heteromeric complexes of 2 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.