

Recombinant Human BMPR1B

Catalog No: #GP10223



Package Size: #GP10223-1 100ug

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Description

Product Name	Recombinant Human BMPR1B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 174-494 amino acids of human bone morphogenetic protein receptor, type IB
Target Name	bone morphogenetic protein receptor, type IB
Other Names	ALK6; ALK-6; CDw293
Accession No.	Swissprot:O00238Gene Accession:BC047773
Uniprot	O00238
GenID	658;
Storage	-20~-80°C, pH 7.6 PBS

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.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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