

Recombinant Human BMPR2 (N-His tag)

Cat No:HR2R1204

For research use only

Overview

Quantity	10 ?g
Gene Symbol	BMPR2
Gene ID	N/A
Accession	NM_001204
Alternative Name	BMPR-II; BMPR3; BMR2; BRK-3; FLJ41585; FLJ76945; PPH1; T-ALK
Species	Human
Source	Insect cells
Description	BMPR2 is a member of the bone morphogenetic protein (BMP) receptor family of transmembrane serine/threonine kinases. The ligands of this receptor are BMPs that are involved in endochondral bone formation and embryogenesis . The loss of interaction and lack of phosphorylation of TCTEL1 by BMPR2 may contribute to the pathogenesis of primary pulmonary hypertension (PPH) and BMPR2 also plays an essential role in human T-cell differentiation .
Functions	The specific activity of BMPR2 was determined to be 14 nmol /min/mg as per activity assay protocol.
Formulation	50mM sodium, pHosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	115
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.