

Recombinant Human ALK3 (BMPR1A) (N-GST tag)

Cat No:HR2R1137

For research use only

Overview

Quantity	10 ?g
Gene Symbol	ALK3 (BMPR1A)
Gene ID	N/A
Accession	NM_004329
Alternative Name	ALK3; BMPR1A; 10q23del; ACVRLK3; CD292; SKR5
Species	Human
Source	Insect cells
Description	?BMPR1A (also known as bone morphogenetic protein receptor 1A) is a member of the transmembrane serine/threonine kinase family that include the type I receptors BMPR1A and BMPR1B and the type II receptor BMPR2. BMPR1A act as a minor susceptibility gene for PTEN-mutation-negative Cowden syndrome. BMPR1A regulates the PTEN protein levels by decreasing PTEN's association with the degradative pathway . BMPR1A trafficking plays a significant role in FOP pathogenesis and is also involved in human T-cell differentiation .
Functions	The specific activity of ALK3 (BMPR1A) was determined to be 1.2 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	66
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.