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.