Recombinant Human ALK6 (BMPR1B) (N-GST tag)

Cat No:HR2R1139

For research use only

Overview

Quantity	10 ?g
Gene Symbol	ALK6 (BMPR1B)
Gene ID	N/A
Accession	NM_001203
Alternative Name	ALK-6; ALK6; CDw293
Species	Human
Source	Insect cells
Description	ALK6 (also known as BMPR1B) is a member of the transmembrane serine/threonine kinase that is the member of the bone morphogenetic protein (BMP) receptor, which is closely related to the activin receptors, ACVR1 and ACVR2. ALK6 is mainly involved in the endochondral bone formation and embryogenesis. ALK6 expressed in normal and cancerous prostate tissues and used in the endocrine therapy that given to the prostate cancer patients . ALK6 receptor trafficking also play a significant role in FOP pathogenesis and used in human T-cell differentiation .
Functions	The specific activity of ALK6 (BMPR1B) was determined to be 23 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	68
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.