

## Recombinant Human ALK4 (N-GST tag)

Cat No:HR2R1138

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	ALK4
Gene ID	N/A
Accession	NM_004302
Alternative Name	ACVR1B, SKR2, ACTRIB, ACVRLK4
Species	Human
Source	Insect cells
Description	<p>ALK4 is a member of the subfamily of receptor ser/thr kinases that mediates signaling by the Activins. ALK4 is expressed in many human tissues, including kidney, pancreas, brain, lung, and liver. Truncated ALK4, predominantly expressed in human pituitary adenomas, function as dominant negative receptors to interfere with wild-type receptor function and blocks the antiproliferative effect of activin possibly contributing to development of human pituitary tumors . ALK4 is able to mediate Nodal signaling in the presence of Cripto during vertebrate development .</p>
Functions	The specific activity of ALK4 was determined to be 16 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	64
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.