

Recombinant Human STK36 (N-GST tag)

Cat No:HR2R1975

For research use only

Overview

Quantity	10 ?g
Gene Symbol	STK36
Gene ID	N/A
Accession	BC026158
Alternative Name	FU, DKFZp434N0223
Species	Human
Source	Insect cells
Description	STK36 is a member of the serine/threonine kinase family and is similar to a protein which plays a key role in the Hedgehog signaling pathway. STK36 is a positive regulator of the GLI zinc-finger transcription factors and controls the activity of GLI1 and GLI2 by opposing the effect of SUFU . STK36 is highly expressed in fetal lung and adult testis . STK36 is a target for the treatment of gastrointestinal cancers since the Hedgehog signaling pathway is frequently activated in certain kinds of gastrointestinal cancers. Defects in the STK36 gene may lead to congenital hydrocephalus, possibly due to a functional defect in motile cilia.
Functions	The specific activity of STK36 was determined to be 0.6 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	87
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.