

Recombinant Human SIK3 (N-GST tag)

Cat No:HR2R1956

For research use only

Overview

Quantity	10 ?g
Gene Symbol	SIK3
Gene ID	N/A
Accession	BC128510
Alternative Name	QSK; SIK-3; L19; FLJ12240; KIAA0999
Species	Human
Source	Insect cells
Description	?SIK3 (QSK) is a serine/threonine-protein kinase, belongs to QIK subfamily. The phosphorylation of SIK3 by LKB1 through the 14-3-3 binding enhances its catalytic activity and leads its localization to punctate structures within the cytoplasm . Overexpression of SIK3 promotes G1/S cell cycle progression with ovarian cancer . There are two sites (H331L and A1103V) were mutated at significant frequency in breast cancer (3). SIK3 is a novel tumor-associated antigen (TAA).
Functions	The specific activity of SIK3 was determined to be 140 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	62
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.