

Recombinant Human SIK2

Cat. No. SIK2-30089TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Snf1lk2 with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 insect cell expression system; MWt 150kDa.
Species	Human
Description	Serine/threonine-protein kinase SIK2 is an enzyme that in humans is encoded by the SIK2 gene. SNF1LK2 has been shown to interact with CRTC2.
Biological activity	The specific activity of SIK2-30089TH was determined to be 112 nmol/min/mg.
Form	Liquid
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily. Contains 1 protein kinase domain. Contains 1 UBA domain.
Full Length	Full L.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	SIK2 salt-inducible kinase 2 [Homo sapiens]
Official Symbol	SIK2
Synonyms	SIK2; salt-inducible kinase 2; SNF1 like kinase 2 , SNF1LK2; serine/threonine-protein kinase SIK2; DKFZp434K1115; KIAA0781; LOH11CR1i; QIK;
Gene ID	23235
mRNA Refseq	NM_015191
Protein Refseq	NP_056006
MIM	608973
Uniprot ID	Q9H0K1
Chromosome Location	11q23.1
Pathway	LKB1 signaling events, organism-specific biosystem;
Function	ATP binding; magnesium ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA