Recombinant Human SIK1 protein, His-tagged

Cat. No. SIK1-432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIK1(1-350aa) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 a.a.
Description	SIK1 played an important role in many functions.
Form	Protein lyophilized in sterile PBS (58 mM Na2HPO4, 17 mM NaH2PO4, 68 mM NaCl, 300 mM Imidazole, pH 8.0). Trehalose (5-8%) and 10% glycerol.
AA Sequence	MVIMSEFSADPAGQGQGQQKPLRVGFYDIERTLGKGNFAVVKLARHRVTKTQVAIKI IDKTRLDSSNLEKIYREVQLMKLLNHPHIIKLYQVMETKDMLYIVTEFAKNGEMFDYLT SNGHLSENEARKKFWQILSAVEYCHDHHIVHRDLKTENLLLDGNMDIKLADFGFGNF YKSGEPLSTWCGSPPYAAPEVFEGKEYEGPQLDIWSLGVVLYVLVCGSLPFDGPNL PTLRQRVLEGRFRIPFFMSQDCESLIRRMLVVDPARRITIAQIRQHRWMRAEPCLPG PACPAFSAHSYTSNLGDYDEQALGIMQTLGVDRQRTVESLQNSSYNHFAAIYYLLLE RLKEYRN
Stability	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.

GENE INFORMATION

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Gene Name	SIK1 salt-inducible kinase 1 [Homo sapiens]
Official Symbol	SIK1
Synonyms	SIK1; salt-inducible kinase 1; SNF1 like kinase , SNF1LK; serine/threonine-protein kinase SIK1; msk; myocardial SNF1 like kinase; SIK-1; SNF1-like kinase; myocardial SNF1-like kinase; salt-inducible protein kinase 1; serine/threonine protein kinase; serine/threonine-protein kinase SNF1LK; serine/threonine-protein kinase SNF1-like kinase 1; MSK; SIK; SNF1LK;
Gene ID	150094
mRNA Refseq	NM_173354
Protein Refseq	NP_775490
MIM	605705
UniProt ID	P57059
Chromosome Location	21q22.3
Pathway	LKB1 signaling events, organism-specific biosystem;
Function	14-3-3 protein binding; ATP binding; ATP binding; cAMP response element binding protein binding; magnesium ion binding; magnesium ion binding; nucleotide binding; protein binding; protein kinase binding; protein serine/threonine kinase activity;

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