

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 Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 300 mM Imidazole, pH 8.0). Trehalose (5-8%) and 10% glycerol.
AA Sequence	MVIMSEFSADPAGQGQGQKPLRVGFYDIERTLGKGNFAVVKLARHRVTKTQVAIKI IDKTRLDSSNLEKIYREVQLMKLLNHPHIIKLYQVMETKDMLYIVTEFAKNGEMFDYLT SNGHLSENEARKKFWQILSAVEYCHDHHIVHRDLKTENLLLDGNMDIKLADFGFGNF YKSGEPLSTWCGSPPYAAPEVFEGKEYEGPQLDIWSLGVVLYVLVCGSLPFDGPNL PTLRQRVLEGRFRIPFFMSQDCESLIRRMLVVDPAARRITIAQIRQHRWMRAEPCLPG PACPAFSAHSYTSNLGDYDEQALGIMQTLGVDRQRTVESLQNSSYNHFAAIYLLLE 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;