

Recombinant Human SIK1 Protein, His tagged

Cat. No. SIK1-44H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human salt-inducible kinase 1 (SIK1), Tyr27-Met278, with N-terminal His tag, expressed in E.coli.
Species	Human
Source	E.coli
Protein Length	27-278 aa
Description	This gene encodes a serine/threonine protein kinase that contains a ubiquitin-associated (UBA) domain. The encoded protein is a member of the adenosine monophosphate-activated kinase (AMPK) subfamily of kinases that play a role in conserved signal transduction pathways. A mutation in this gene is associated with early infantile epileptic encephalopathy 30.
Form	50 mM Tris-HCl, pH 8.0, 8 M urea
Molecular Mass	29.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product

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under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration >0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name SIK1 salt inducible kinase 1 [Homo sapiens (human)]

Official Symbol SIK1

Synonyms

SIK1; salt inducible kinase 1; MSK; SIK; DEE30; SIK-1; SIK1B; SNF1LK; serine/threonine-protein kinase SIK1; Probable serine/threonine-protein kinase SIK1B; Putative serine/threonine-protein kinase SIK1B; SNF1-like kinase; Salt-inducible kinase 1B; myocardial SNF1-like kinase; salt-inducible protein kinase 1; serine/threonine-protein kinase SNF1-like kinase 1; serine/threonine-protein kinase SNF1LK; EC 2.7.11.1

Gene ID 150094

mRNA Refseq NM_173354

Protein Refseq NP_775490

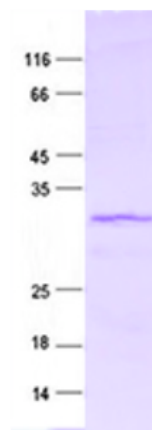
MIM 605705

UniProt ID P57059

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SDS-PAGE

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