

Product datasheet for **TP762138**

Snf1lk (SIK1) (NM_173354) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human salt-inducible kinase 1 (SIK1), Tyr27-Met278, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Tyr27-Met278) of SIK1
Tag:	N-His
Predicted MW:	29.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	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°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_775490
Locus ID:	150094
UniProt ID:	P57059
RefSeq Size:	4706
Cytogenetics:	21q22.3
RefSeq ORF:	2349
Synonyms:	DEE30; MSK; SIK; SIK-1; SIK1B; SNF1LK



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Summary:

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. [provided by RefSeq, Nov 2016]

Protein Families:

Druggable Genome, Protein Kinase

Product images: