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Datasheet for ABIN667573 SGK1 Protein (AA 60-431) (His tag)

Image



Overview

Quantity:	50 µg
Target:	SGK1
Protein Characteristics:	AA 60-431
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SGK1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	SGK1, 60-431 aa, Human, His tag, HI-5
Purity:	> 90 % by SDS - PAGE

Target Details

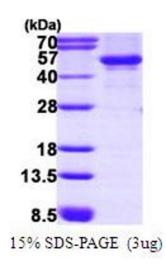
Target:	SGK1
Alternative Name:	SGK1 (SGK1 Products)
Background:	SGK1, also known as serum-and glucocorticoid-regulated kinase, is a serine/threonine protein
	kinase and a member of the "AGC" subfamily, which includes protein kinases A, G, and C. This
	protein plays an important role in activating certain potassium, sodium and chloride channels,
	suggesting an involvement in the regulation of processes such as cell survival, neuronal
	excitability, and renal sodium excretion. It is activated in vitroby 3-phosphoinositide-dependent

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Target Details

	protein kinase-1 (PDK-1) and in vivoin response to signals that activate phosphatidylinositol (PI) 3-kinase. Recombinant human SGK1 protein was expressed with N-terminal His-tag in High- Five cells using baculovirus expression system and purified by using conventional chromatography techniques. Synonyms: Serine/threonine-protein kinase Sgk1 isoform 1,. NCBI no.: NP_005618
Molecular Weight:	44.5 kDa (393aa)
Pathways:	MAPK Signaling, Notch Signaling, Steroid Hormone Mediated Signaling Pathway
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
	Liquid 0.25 mg/ml (determined by Bradford assay)
Format:	

Images



SDS-PAGE		
Image 1.		

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