Datasheet for ABIN2732876

STK38 Protein (Myc-DYKDDDDK Tag)

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Overview

Quantity:	20 µg
Target:	STK38
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STK38 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human STK38 protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	STK38
Alternative Name:	Stk38 (STK38 Products)
Background:	This gene encodes a member of the AGC serine/threonine kinase family of proteins. The kinase activity of this protein is regulated by autophosphorylation and phosphorylation by other upstream kinases. This protein has been shown to function in the cell cycle and apoptosis. This protein has also been found to regulate the protein stability and transcriptional activity of the MYC oncogene. Alternative splicing results in multiple transcript variants.

Target Details

Molecular Weight:	54 kDa
NCBI Accession:	NP_009202

Application Details

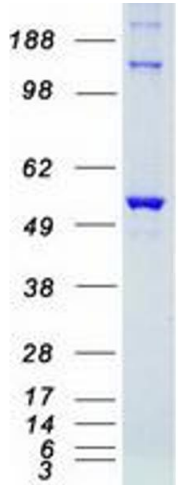
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Paquette, Dawes, Sundar, Rahman, Brown, White: "Chronic cigarette smoke exposure drives spiral ganglion neuron loss in mice." in: **Scientific reports**, Vol. 8, Issue 1, pp. 5746, (2018) (PubMed).



Western Blotting

Image 1. Validation with Western Blot

