

STK40 Protein, Human (sf9, His-GST)

Cat. No.:	HY-P76098
Synonyms:	Serine/threonine-protein kinase 40; Sugen kinase 495; Sgk495; STK40; SGK495; SHIK
Species:	Human
Source:	Sf9 insect cells
Accession:	Q8N2I9 (M1-K435)
Gene ID:	83931
Molecular Weight:	Approximately 85 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, 10% glycerol, 3 mM DTT, 0.5M Urea, 0.5 mM GSH, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background

STK40 Protein emerges as a potential negative regulator, exerting influence over NF-kappa-B and p53-mediated gene transcription. Its regulatory role implies an inhibitory function, suggesting involvement in fine-tuning the intricate signaling pathways associated with NF-kappa-B and p53. By acting as a negative regulator, STK40 may modulate the expression of genes under the control of these transcription factors, influencing cellular responses to various stimuli. Elucidating the specific mechanisms through which STK40 exerts its regulatory effects on NF-kappa-B and p53-mediated transcription could provide valuable insights into its role in cellular homeostasis and response to stressors. Further exploration of STK40's interactions and downstream effects may contribute to a comprehensive understanding of its function in the intricate network of transcriptional regulation.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA