

Product datasheet for **TP323981L**

STK39 (NM_013233) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine threonine kinase 39 (STE20/SPS1 homolog, yeast) (STK39), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223981 representing NM_013233 Red =Cloning site Green =Tags(s)

MAEPSGSPVHVQLPQQAAPVTAATAAAAAAPAAATAAPAPAAPAAAPAPAPAPAAQAVGWPICRDAYELQEV
IGSGATAVVQAALCKPRQERVAIKRINLEKCQTSMDLLKEIQAMSQCSPNVVYYTSFVVKDELWLVM
KLLSGGSMLDIIKIVNRGEHKNVLEEAIIATILKEVLEGLDYLHRNGQIHRDLKAGNILLGEDGSVQI
ADFGVSAFLATGGDVTRNKVTRKTFVGTCPWMAPEVMEQVRGYDFKADMWSFGITAIELATGAAPYHKYPP
MKVLMMLTLQNDPPTLETGVEDKEMMKKYGKSFRLKLSLCLQKDPKRPTAAELLKCKFFQKAKNREYLIE
KLLTRTPDIAQRAKKVRRVPGSSGHLHKTEDGDWEWSDDEMDKSEEGKAAFSQEKSRRVKEENPEIAVS
ASTIPEIQSLSVHDSQGPPNANEDYREASSCAVNLVLRNLSRKELNDIRFEFTPRDADGVSQELFS
AGLVDGHDVVIVAANLQKIVDDPKALKTLTFKLASGCDGSEIPDEVKLGFAQLSVS

SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

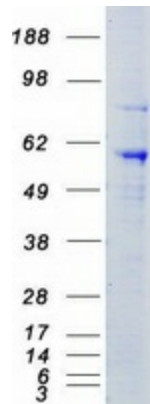
Tag:	C-Myc/DDK
Predicted MW:	59.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_037365
Locus ID:	27347
UniProt ID:	Q9UEW8
RefSeq Size:	3293
Cytogenetics:	2q24.3
RefSeq ORF:	1641
Synonyms:	DCHT; PASK; SPAK
Summary:	This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STK39 protein (Cat# [TP323981]). The protein was produced from HEK293T cells transfected with STK39 cDNA clone (Cat# [RC223981]) using MegaTran 2.0 (Cat# [TT210002]).