

Product datasheet for **TP309210M**

STK31 (NM_031414) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine/threonine kinase 31 (STK31), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209210 protein sequence Red =Cloning site Green =Tags(s)

MWVQGHSSRASATESVSFSGIVQMDEETHYDKVEDWVGSIEDAVTFWAQSIINRNKDIMKIGCSLSEVCP
HASSVLGNLDPNKIYGGLFSEDQCWYRCKVLKIIISVEKCLVRYIDYGNTEILNRSDIVEIPELQFSSVA
KKYKLWGLHIPSDQEVTFDQGTFLGSLIFEKEIKMRIKATSEDTGTVIAQAEYGSVDIGEEVLKKGFAE
KCRLASRTDICEEKKLDPGQLVLRNLKSPIPLWGHRSNQSTFSRPGHLSKMTLDLKDENDAGNLITFP
KESLAVGDFNLGSNVSLEKIKQDQKLIENEKLEKTEKDALLESYKALELKEVQIAQELQQEKAAAVDLTN
HLEYTLKTYIDTRMKNLAAKMEILKEMRHVDISVRFKDLSDAIQVLDGECFTTPASLNGLEIIWAEYSL
AQENIKTCEYVSEGNILIAQRNEMQQKLYMSVEDFILEVDESSLNKRKLTQLDLSVSLEAVYGQAKEGAN
SDEILKKFYDWKCDKREEFTSVRSETDASLHRLVAWFQRTLKVFDSLVEGSLISEDAMDNIDEILEKTES
SVCKELEIALVDQGDADKEIISNTYSQVLQKIHSEERLIATVQAKYKDSIEFKKQLEIYLNKSPSVDHLL
SIKKTLSLKALLRWKLVEKSNLEESDDPDGSGQIEKIEEITQLRNNVFQEIYHEREEYEMLTSLAQKWF
PELPLHPEIGLLKYMNSGGLLTMSLERDLLDAEPMKELSSKRPLVRSEVNGQIILLKGYSDVDTEAKV
IERAATYHRAWREAEGDSGLLPLIFLFLCKSDPMAYLMVPPYPRANLNAVQANMPLNSEETLKVMKGVAVQ
GLHTLHKADIIHGSLHQNNVFALNREQGIVGDFDFTKSVSQRASVNMVGDLSLMSPELKMGPASPGSD
LYAYGCLLLWLSVQNQEFKIDGIPKVDQFHLDDKVKSLLSLICYRSSMTAEQVLNAECFLMPKEQSV
PNPEKDTEYTLYKKEEIKTENLDKCKMEKTRNGEANFDC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

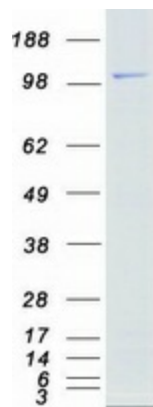
Tag:	C-Myc/DDK
Predicted MW:	115.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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.
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_113602
Locus ID:	56164
UniProt ID:	Q9BXU1
RefSeq Size:	3326
Cytogenetics:	7p15.3
RefSeq ORF:	3057
Synonyms:	SGK396; TDRD8
Summary:	This gene is similar to a mouse gene that encodes a putative protein kinase with a tudor domain, and shows testis-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified STK31 protein (Cat# [TP309210]). The protein was produced from HEK293T cells transfected with STK31 cDNA clone (Cat# [RC209210]) using MegaTran 2.0 (Cat# [TT210002]).